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MASSACHUSETTS WATER QUALITY STANDARDS 1984

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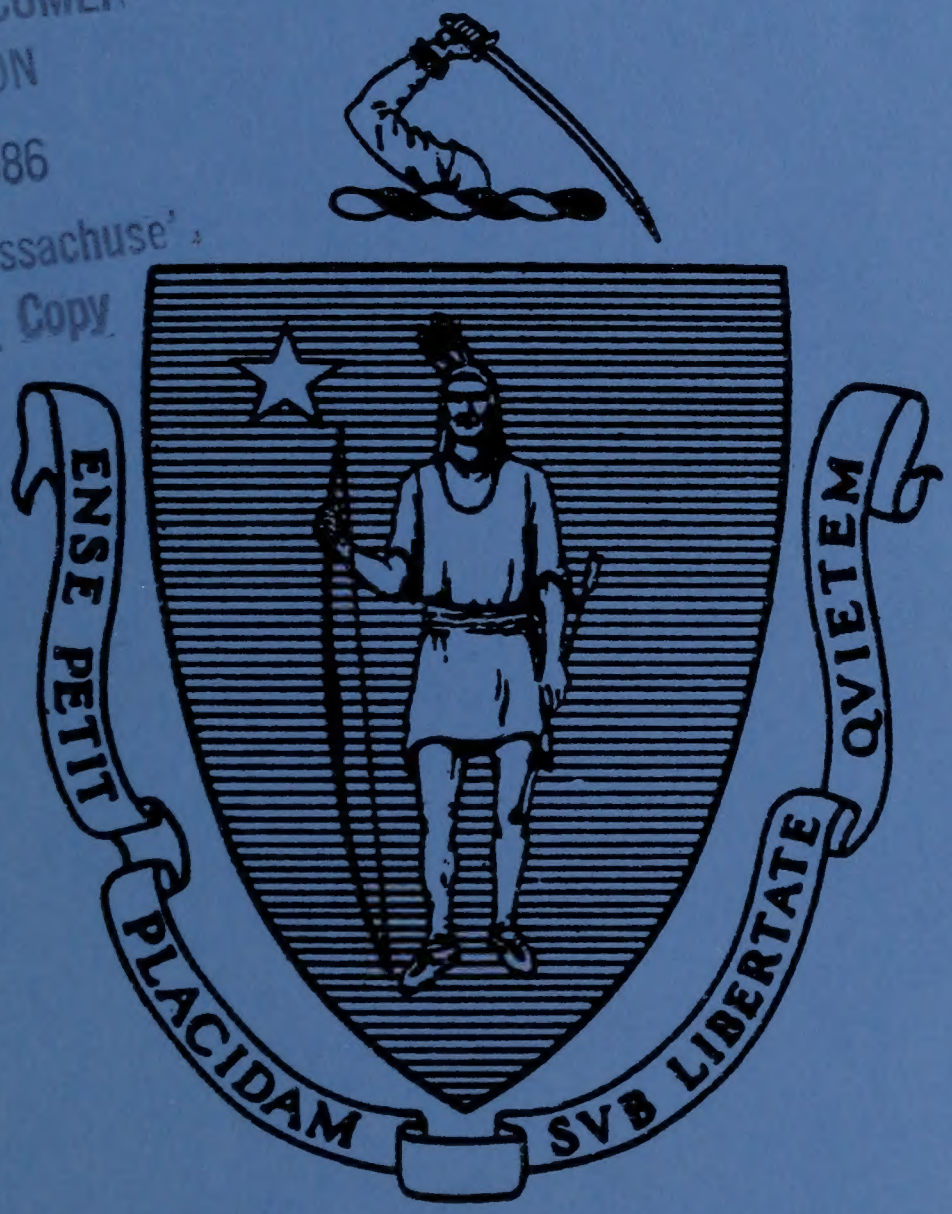

Massachusetts Department of Environmental Quality Engineering

DIVISION of WATER POLLUTION CONTROL

Thomas C. McMahon, Director

314 CMR 4.00: MASSACHUSETTS SURFACE WATER QUALITY STANDARDS

Section

4.01: General Provisions
4.02: Application of Standards
4.03: Minimum Water Qaulity Criteria and Associated Uses
4.04: Antidegradation Provisions
4.05: Basin Classifications and Maps

4.01: General Provisions

(1) Title. 314 CMR 4.00 shall be known as the "Massachusetts Surface Water Quality Standards."

(2) Organization of Standards. These standards comprise five (5) units: General Provisions (314 CMR 4.01), Application of Standards (314 CMR 4.02), Water Quality Criteria (314 CMR 4.03), Antidegradation Provisions (314 CMR 4.04), and Basin Classifications and Maps (314 CMR 4.05).

(3) Authority. The Massachusetts Surface Water Quality Standards are adopted by the Division pursuant to the provisions of M.G.L. c. 21, s. 27.

(4) Purpose. The Massachusetts Act charges the Division with the duty and responsibility to enhance the quality and value of the water resources of the Commonwealth and directs the Division to take all action necessary or appropriate to secure to the Commonwealth the benefits of the Federal Act. The objective of the Federal Act is the restoration and maintenance of the chemical, physical and biological integrity of the Nation's waters. To achieve the foregoing requirements the Division has adopted the Massachusetts Water Quality Standards which designate the uses for which the various waters of the Commonwealth shall be enhanced, maintained and protected; which prescribe the water quality criteria required to sustain the designated uses; and which contain regulations necessary to achieve the designated uses and maintain existing water quality including, where appropriate, the prohibition of discharges.

(5) Definitions. As used in these standards, the following words have the following meanings:

Artificial conditions - Those conditions resulting from human alteration of the chemical, physical or biological integrity of waters.

Beneficial use - Any use not impairing the most sensitive use designated in the classification tables contained in 314 CMR 4.05; except that in no case shall the assimilation or transport of pollutants be deemed a beneficial use.

Cold water fishery - Waters whose quality is capable of sustaining a year-round population of cold water trout (salmonidae).

Division - The Massachusetts Division of Water Pollution Control, as established by M.G.L. c. 21, s. 26.

Discharge - Any addition of any pollutant to the waters of the Commonwealth.

EPA - The United States Environmental Protection Agency.

Federal Act - The Federal Water Pollution Control Act, as amended, 33 U.S.C. s. 1251, et seq.

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4.01: continued

Massachusetts Act - The Massachusetts Clean Waters Act, as amended, M.G.L. c. 21, ss. 26 - 53.

Pollutant - Any element or property of sewage, agricultural, industrial or commercial waste, runoff, leachate, heated effluent, or other matter, in whatever form and whether originating at a point or major nonpoint source, which is or may be discharged, drained or otherwise introduced into any sewerage system, treatment works or waters of the Commonwealth.

Primary contact recreation - Any recreation or other water use, such as swimming and water skiing, in which there is prolonged and intimate contact with the water sufficient to constitute a health hazard.

Seasonal cold water fishery - Waters whose quality is capable of sustaining only an extremely limited cold water population on a year-round basis, with cold-water fish in these streams provided largely by stocking.

Secondary contact recreation - Any recreation or other water use in which contact with the water is either incidental or accidental, such as fishing, boating and limited contact incident to shoreline activities.

Segment - A finite portion of a water body established by the Division for the purpose of classification.

Surface waters - All waters other than ground waters within the jurisdiction of the Commonwealth, including, without limitation, rivers, streams, lakes, ponds, springs, impoundments, estuaries, wetlands, and coastal waters.

Warm water fishery - Waters whose quality is not capable of sustaining a year-round cold water or seasonal cold water fishery.

Waters of the Commonwealth - All waters within the jurisdiction of the Commonwealth, including, without limitation, rivers, streams, lakes, ponds, springs, impoundments, estuaries, wetlands, coastal waters, and ground waters.

(6) Severability. If any provision of these standards is held invalid, the remainder of these standards shall not be affected thereby.

4.02: Application of Standards

(1) Establishment of Effluent Limitations. In regulating discharges of pollutants to surface waters, the Division will limit or prohibit such discharges to insure that the water quality standards of the receiving waters will be maintained or attained. The determination by the Division of the applicable level of treatment for an individual discharger will be made in the establishment of effluent limitations in the individual discharge permits in accordance with 314 CMR 3.10(3), (4), (5) and (6). In establishing water quality based effluent limitations, the Division must consider natural background conditions, existing discharges, must protect existing downstream uses, and not interfere with the maintenance and attainment of beneficial uses in downstream waters. Toward this end, the Division may provide a reasonable margin of safety to account for any lack of knowledge concerning the relationship between the pollutants being discharged and their impact on the quality of the receiving waters.

(2) Mixing Zones. In applying these standards, the Division may recognize, where appropriate, a limited mixing zone or zone of initial dilution on a case-by-case basis. The location, size and shape of these zones shall provide for the maximum protection aquatic resources. At a minimum, mixing zones must:

4.02: continued

(a) Meet the criteria for aesthetics;
(b) Be limited to an area or volume that will minimize interference with the designated uses or established community of aquatic life in the segment;
(c) Allow an appropriate zone of passage for migrating fish and other organisms; and
(d) Not result in substances accumulating in sediments, aquatic life or food chains to exceed known or predicted safe exposure levels for the health of humans or aquatic life.

(3) Hydrologic Conditions. The Division will determine the most severe hydrologic condition at which water quality standards must be met. In classifying the inland surface waters and in applying these standards to such waters, the critical low flow condition at and above which these standards must be met is the average minimum consecutive seven day flow to be expected once in ten years, unless otherwise stated by the Division in these standards. In artificially regulated waters, the critical low flow will be established by the Division through agreement with the Federal, State or private interest controlling the flow. The minimum flow established in such agreement will become the critical low flow under 314 CMR 4.02 for those waters covered by the agreement.

(4) Procedures for Sampling and Analysis. For the purpose of collecting, preserving and analyzing samples in connection with these water quality standards, the fifteenth edition of Standard Methods for the Examination of Water and Wastewater published by the American Public Health Association, or Methods for Chemical Analysis of Water and Wastes published by the U.S. Environmental Protection Agency should be used. Where a method is not given in these publications, the latest procedures of the American Society for Testing Materials (ASTM) shall be used, or any other equivalent method approved by the Director.

4.03: Minimum Water Quality Criteria and Associated Uses

(1) Description of Contents. 314 CMR 4.03 sets forth the Classes to be used by the Division in classifying the surface waters according to the uses for which the waters shall be enhanced, maintained and protected. For each class, the most sensitive beneficial uses are identified and minimum criteria for water quality in the water column are established. In interpreting and applying the minimum criteria in 314 CMR 4.03(4), the Division shall consider local conditions including, but not limited to:
(a) the characteristics of the biological community;
(b) temperature, weather, flow, and physical and chemical characteristics; and
(c) synergistic and antagonistic effects of combinations of pollutants.

(2) Coordination with Federal Criteria. The Division will use EPA criteria established pursuant to Section 304(a)(1) of the Federal Act as guidance in establishing case-by-case discharge limits for pollutants not specifically listed in these standards but included under the heading "Other Constituents" in 314 CMR 4.03(4), for identifying bioassay application factors and for interpretations of narrative criteria. Where the minimum criteria specifically listed by the Division in 314 CMR 4.03 differ from those contained in the federal criteria, the provisions of the specifically listed criteria in 314 CMR 4.03 shall apply.

(3) Classes and Designated Uses. The surface waters will be assigned to one of the classes listed below. Each class is defined by the most sensitive, and therefore governing, uses which it is intended to protect. The classes are:

4.03: continued

Classes for Inland Waters

Class A - Waters assigned to this class are designated for use as a source of public water supply.

Class B - Waters assigned to this class are designated for the uses of protection and propagation of fish, other aquatic life and wildlife; and for primary and secondary contact recreation.

Class C - Waters assigned to this class are designated for the uses of protection and propagation of fish, other aquatic life and wildlife; and for secondary contact recreation.

Classes for Coastal and Marine Waters

Class SA - Waters assigned to this class are designated for the uses of protection and propagation of fish, other aquatic life and wildlife; for primary and secondary contact recreation; and for shellfish harvesting without depuration in approved areas.

Class SB - Waters assigned to this class are designated for the uses of protection and propagation of fish, other aquatic life and wildlife; for primary and secondary contact recreation; and for shellfish harvesting with depuration (Restricted Shellfish Areas).

Class SC - Waters assigned to this class are designated for the protection and propagation of fish, other aquatic life and wildlife; and for secondary contact recreation.

(4) Minimum Criteria. The following minimum criteria are adopted and shall be applicable to all surface waters.

A. These minimum criteria are applicable to all surface waters, unless criteria specified for individual classes are more stringent.

Parameter	Criteria
1. Aesthetics	All waters shall be free from pollutants in concentrations or combinations that: (a) Settle to form objectionable deposits; (b) Float as debris, scum or other matter to form nuisances; (c) Produce objectionable odor, color, taste or turbidity; or (d) Result in the dominance of nuisance species.
2. Radioactive Substances	Shall not exceed the recommended limits of the United States Environmental Protection Agency's National Drinking Water Regulations.
3. Tainting Substances	Shall not be in concentrations or combinations that produce undesirable flavors in the edible portions of aquatic organisms.
4. Color, Turbidity, Total Suspended Solids	Shall not be in concentrations of combinations that would exceed the recommended limits on the most sensitive receiving water use.
5. Oil and Grease	The water surface shall be free from floating oils, grease and petrochemicals and any concentrations or combinations in

4.03: continued

Parameter	Criteria
	the water column or sediments that are aesthetically objectionable or deleterious to the biota are prohibited. For oil and grease of petroleum origin the maximum allowable discharge concentration is 15 mg/l.
6. Nutrients	Shall not exceed the site-specific limits necessary to control accelerated or cultural eutrophication.
7. Other Constituents	Waters shall be free from pollutants in concentrations or combinations that (a) Exceed the recommended limits on the most sensitive receiving water use; (b) Injure, are toxic to, or produce adverse physiological or behavioral responses in humans or aquatic life; or (c) Exceed site-specific safe exposure levels determined by bioassay using sensitive species.

B. Inland Waters - the following additional minimum criteria are applicable to inland water classifications.

For Class A waters:

Parameter	Criteria
1. Dissolved Oxygen	Shall be a minimum of 5.0 mg/l in warm water fisheries and a minimum of 6.0 mg/l in cold water fisheries.
2. Temperature	Shall not exceed 83°F (28.3°c) in warm water fisheries or 68°F (20°c) in cold water fisheries nor shall the rise resulting from artificial origin exceed 4.0°F (2.2°c).
3. pH	As naturally occurs.
4. Total Coliform Bacteria	Shall not exceed a log mean for a set of samples of 50 per 100 ml during any monthly sampling period.
5. Turbidity	None other than of natural origin.
6. Total Dissolved Solids	Shall not exceed 500 mg/l.
7. Chlorides	Shall not exceed 250 mg/l.
8. Sulfates	Shall not exceed 250 mg/l.
9. Nitrate	Shall not exceed 10 mg/l as nitrogen.

4.03: continued

For Class B waters:

Parameter	Criteria
1. Dissolved Oxygen	Shall be a minimum of 5.0 mg/l in warm water fisheries and a minimum of 6.0 mg/l in cold water fisheries.
2. Temperature	Shall not exceed 83°F (28.3°c) in warm water fisheries or 68°F (20°c) in cold water fisheries, nor shall the rise resulting from artificial origin exceed 4.0°F (2.2°c).
3. pH	Shall be in the range of 6.5 - 8.0 standard units and not more than 0.2 units outside of the naturally occurring range.
4. Fecal Coliform Bacteria	Shall not exceed a log mean for a set of samples of 200 per 100 ml, nor shall more than 10% of the total samples exceed 400 per 100 ml during any monthly sampling period, except as provided in 314 CMR 4.02(1).

For Class C waters:

Parameter	Criteria
1. Dissolved Oxygen	Shall be a minimum of 5.0 mg/l in warm water fisheries and a minimum of 6.0 mg/l in cold water fisheries.
2. Temperature	Shall not exceed 83°F (28.3°c) in warm water fisheries or 68°F (20°c) in cold water fisheries, nor shall the rise resulting from artificial origin exceed 4.0°F (2.2°c).
3. pH	Shall be in the range of 6.5-9.0 standard units and not more than 0.2 units outside of the naturally occurring range.
4. Fecal Coliform Bacteria	Shall not exceed a log mean for a set of samples of 1000 per 100 ml, nor shall more than 10% of the total samples exceed 2,500 per 100 ml during any monthly sampling period, except as provided in 314 CMR 4.02(1).

C. Coastal and Marine Waters - the following additional minimum criteria are applicable to coastal and marine waters.

For Class SA waters:

Parameter	Criteria
1. Dissolved Oxygen	Shall be a minimum of 85 percent of saturation at water temperatures above 77°F (25°C) and shall be a minimum of 6.0 mg/l at water temperatures of 77°F (25°C) and below.

4.03: continued

Parameter	Criteria
2. Temperature Increase	None except where the increase will not exceed the recommended limits on the most sensitive water use.
3. pH	Shall be in the range of 6.5-8.5 standard units and not more than 0.2 units outside of the naturally occurring range.
4. Total Coliform Bacteria	Shall not exceed a median value of 70 MPN per 100 ml and not more than 10% of the samples shall exceed 230 MPN per 100 ml in any monthly sampling period.

For Class SB waters:

Parameter	Criteria
1. Dissolved Oxygen	Shall be a minimum of 85 percent of saturation at water temperatures above 77°F (25°C) and shall be a minimum of 6.0 mg/l at water temperatures of 77°F (25°C) and below.
2. Temperature Increase	None except where the increase will not exceed the recommended limits on the most sensitive water use.
3. pH	Shall be in the range of 6.5-8.5 and not more than 0.2 units outside of the naturally occurring range.
4. Total Coliform Bacteria	Shall not exceed a median value of 700 MPN per 100 ml and not more than 20% of the samples shall exceed 1000 MPN per 100 ml during any monthly sampling period, except as provided in 314 CMR 4.02(1).

For Class SC waters:

Parameter	Criteria
1. Dissolved Oxygen	Shall be a minimum 85 percent of saturation at water temperatures above 77°F (25°C) and shall be a minimum of 6.0 mg/l at water temperatures of 77°F (25°C) and below.
2. Temperature Increase	None except where the increase will not exceed the recommended limits on the most sensitive water use.
3. pH	Shall be in the range of 6.5-8.5 standard units and not more than 0.2 units outside the naturally occurring range.
4. Fecal Coliform Bacteria	Shall not exceed a log mean for a set of samples of 1000 MPN per 100 ml, nor shall more than 10% of the total samples exceed 2500 MPN per 100 ml during any monthly sampling period, except as provided in 314 CMR 4.02(1).

4.04: Antidegradation Provisions

(1) Protection of Existing Uses. In all cases, from and after the date these regulations become effective, the quality of the surface waters shall be maintained and protected to sustain existing beneficial uses.

(2) Protection of High Quality Waters. From and after the date these regulations become effective, waters designated by the Division in 314 CMR 4.05(5) whose quality is or becomes consistantly higher than that quality necessary to sustain the national goal uses shall be maintained at that higher level of quaiity unless limited degradation is authorized by the Division. Limited degradation may be allowed by the Division as a variance from this regulation as provided in 314 CMR 4.04(6).

(3) Protection of Low Flow Waters. Certain waters will be designated by the Division in 314 CMR 4.05(5) for protection under 314 CMR 4.04 due to their inability to accept pollutant discharges. New or increased discharges of pollutants to waters so designated are prohibited unless a variance is granted by the Division as provided in 314 CMR 4.04(6).

(4) National Resource Waters. Waters which constitute an outstanding national resource as determined by their outstanding recreational, ecological and/or aesthetic values shall be preserved. These waters shall be designated for preservation by the Division in 314 CMR 5.05(5). Waters so designated may not be degraded and are not subject to a variance procdure. New discharges of pollutants to such waters are prohibited. Existing discharges shall be eliminated unless the discharger is able to demonstrate that:

(a) Alternative means of disposal are not reasonably available or feasible; and

(b) The discharge will not affect the quality of the water as a national resource.

(5) Control of Eutrophication. The discharge of nutrients, primarily phosphorus or nitrogen, to surface waters will be limited or prohibited by the Division as necessary to prevent excessive eutrophicat of such waters. There shall be no new or increased discharges of nutrients into lakes and ponds, or tributaries thereto. Existing discharges containing nutrients which encourage eutrophication or growth of weeds or algee shall be treated. Activities which may result in non-point discharges of nutrients shall be conducted in accordance with the best management practices reasonably determined by the Division to be necessary to preclude or minimize such discharges of nutrients.

(6) Variances. A variance to authorize a discharge in water designated for protection under 314 CMR 4.04(2) may be allowed by the Division where the applicant demonstrates that:

(a) The proposed degradation will not result in water quality less than specified for the class; and

(b) The adverse economic and social impacts specifically resulting from imposition of controls more stringent than secondary treatment to maintain the higher water quality are substantial and widespread in comparison to other economic factors and are not warranted by a comparison of the economic, social and other benefits to the public resulting from maintenance of the higher quality water. In making such evaluation, the Division will apply, where appropriate, guidance documents published by EPA.

In addition to 314 CMR 4.04(6)(a) and (b), the applicant for a variance to authorize a discharge into waters designated for protection under 314 CMR 4.04(3) must demonstrate that:

(c) Alternative means of disposal are not reasonably available or feasible.

In any proceeding where such variance is at issue, the Division shall circulate a public notice in accordance with the procedures set

4.04: continued

forth in M.G.L. c. 30A, s. 3. Said notice shall state that a variance is under consideration by the Division, and indicate the Director's tentative determination relative thereto. To the extent feasible, the variance proceeding shall be conducted as part of any pending discharge permit proceedings pursuant to M.G.L. c. 21, s. 43. In any variance procedure, the burden of proof relative to justifying the variance shall be on the party requesting the variance. Any variance granted pursuant to this regulation shall not extend beyond the expiration date of the permit.

4.05: Basin Classifications and Maps

(1) Description of Contents. 314 CMR 4.05 sets forth the procedures and guidelines the Division must follow in classifying the waters of the Commonwealth, and the classifications themselves. The procedural rules for classifying are contained in 314 CMR 4.05(2) through 4.05(4). 314 CMR 4.05(5) contains maps and tabulations identifying the assignment by the Division of each segment to one of the classes set forth in 314 CMR 4.03(3), the designation of uses and associated criteria for that segment and the imposition of special limitations in 314 CMR 4.04(2) through 4.04(4) to that segment.

(2) Designation of Uses. In determining the appropriate classification for a particular water, the Division must fulfill its statutory mandate as set forth in 314 CMR 4.01(4). Wherever attainable, the Division shall designate the national goal uses of protection and propagation of fish, shellfish, aquatic life and wildlife and recreation in and on the waters in classifying the surface waters. In determining whether the national goal uses are attainable for a given water, the Division has considered limitations imposed by natural conditions, irreversible artificial conditions and the availability of feasible technological treatment methods and designated the optimum number of beneficial uses attainable in the circumstances.

(3) Other Applicable Standards. Waters classified by the Division in 314 CMR 4.05 may be subject to additional restrictions pursuant to Federal or Massachusetts statutes and regulations. Where such additional restrictions are known they are noted in the classifications in 314 CMR 4.05. Where these restrictions impose requirements more stringent than required under the Massachusetts or Federal Acts, e.g. public health restrictions relative to water supplies, such restrictions shall be considered and applied by the Division in classifying the waters to the extent authorized in the Massachusetts Act.

(4) Fisheries Designations. For inland waters certain specific criteria become applicable on the basis of their designation as a particular type of fishery. Therefore, inland segments are designated as cold water, seasonal cold water or warm water fisheries. In seasonal cold water fisheries criteria for cold water fisheries apply during the period of September 15 through June 30 annually, and criteria for warm water fisheries apply at all other times.

Where the Division determines that natural or irreversible conditions prevent the attainment of water quality capable of supporting a warm water fishery, a use designation of aquatic life has been made. In each segment so designated in 314 CMR 4.05(5), the criteria for a warm water fishery apply for all constituents except those affected by the natural or irreversible condition, which constituents shall be governed by the most sensitive resident species as determined by the Director in consultation with the Massachusetts Division of Fisheries and Wildlife.

(5) Classifications. For the purpose of applying the Massachusetts Surface Water Quality Standards, the surface waters are hereby classified as shown in the following figures and tables which are a part of

4.05: continued

these regulations. Columns 1 and 2 of the tables describes the segment. Column 3 identifies the applicable classification of the segment. Column 4 identifies the use or uses for which the segment is designated; (P&S) means primary and secondary contact recreation, (Sn) means seasonal fishery, (0) means open shellfishing, (R) means restricted shellfishing. Column 5 identifies the applicable provisions of 314 CMR 4.04 and 314 CMR 4.05(3).

Segments and their classifications are shown on figures for general orientation. In cases of inconsistancy between the tables and the figures, the data contained in the table shall control.

4.05: continued

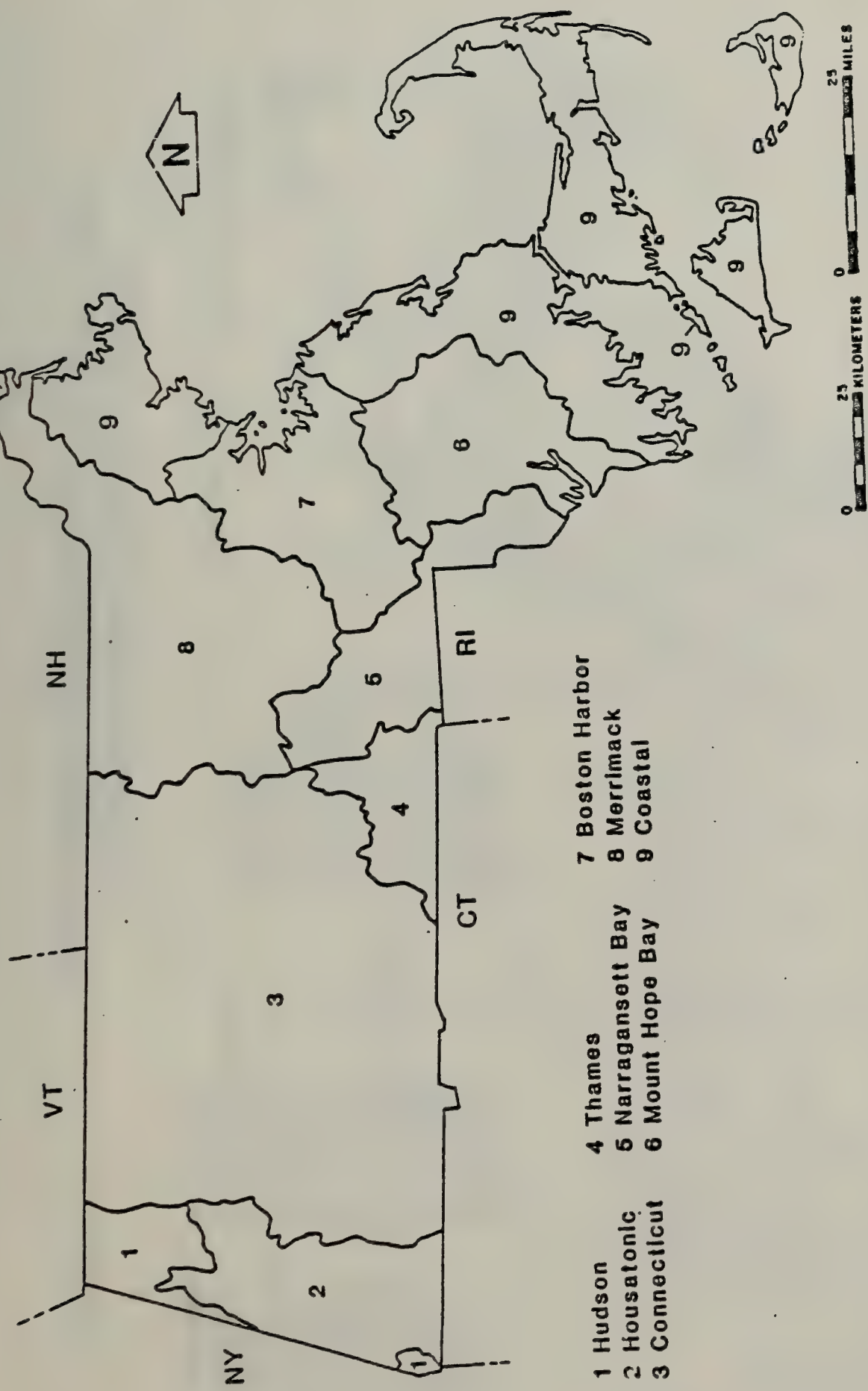
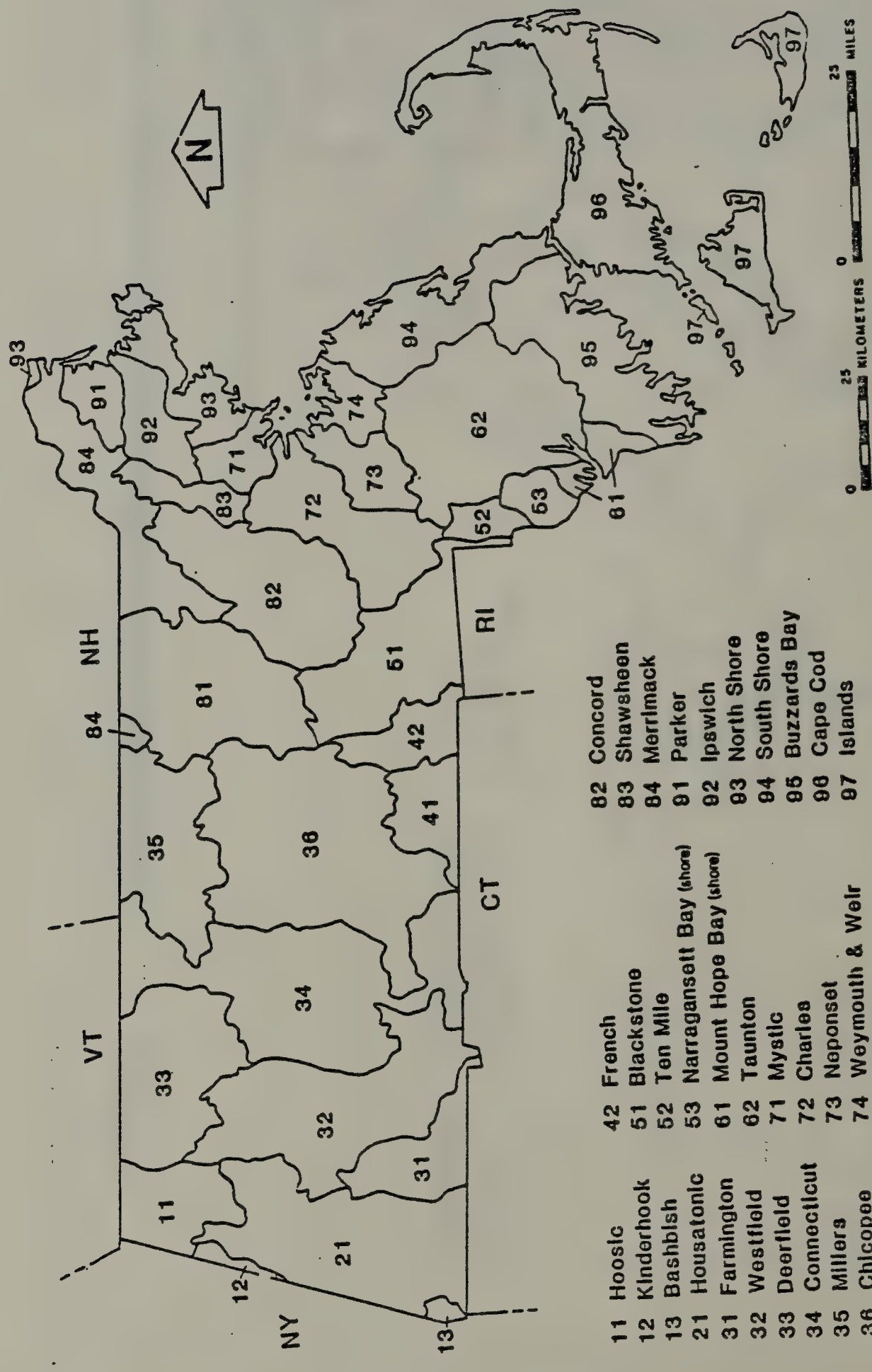


Figure A COMMONWEALTH OF MASSACHUSETTS DRAINAGE SYSTEMS

4.05: continued



11 Hoosic
12 Klnderhook
13 Bashbish
21 Housatonic
31 Farmington
32 Westfield
33 Deerfield
34 Connecticut
35 Millers
36 Chicopee
41 Quinebaug
42 French
51 Blackstone
52 Ten Mile
53 Narragansett Bay (shore)
61 Mount Hope Bay (shore)
62 Taunton
71 Mystic
72 Charles
73 Naponset
74 Weymouth & Weir
81 Nashua
82 Concord
83 Shawsheen
84 Merrimack
91 Parker
92 Ipswich
93 North Shore
94 South Shore
95 Buzzards Bay
96 Cape Cod
97 Islands

COMMONWEALTH OF MASSACHUSETTS
RIVER BASINS and COASTAL DRAINAGE AREAS

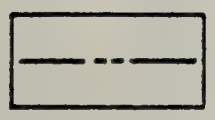
Figure B

4.05: continued

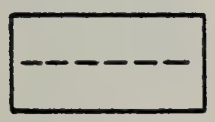
Figure C

MAP SYMBOLS

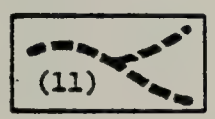
STATE BOUNDARIES



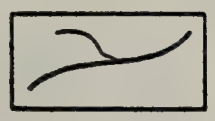
MUNICIPAL BOUNDARIES



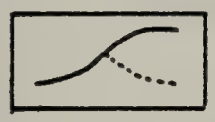
BASIN/DRAINAGE DIVIDE/
BASIN NUMBER (11)



RIVERS/STREAMS

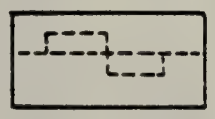


UNNAMED TRIBUTARY

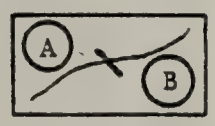


LAKE/POND/RESERVOIR

CANAL SYSTEM



CLASSIFICATION
CHANGE



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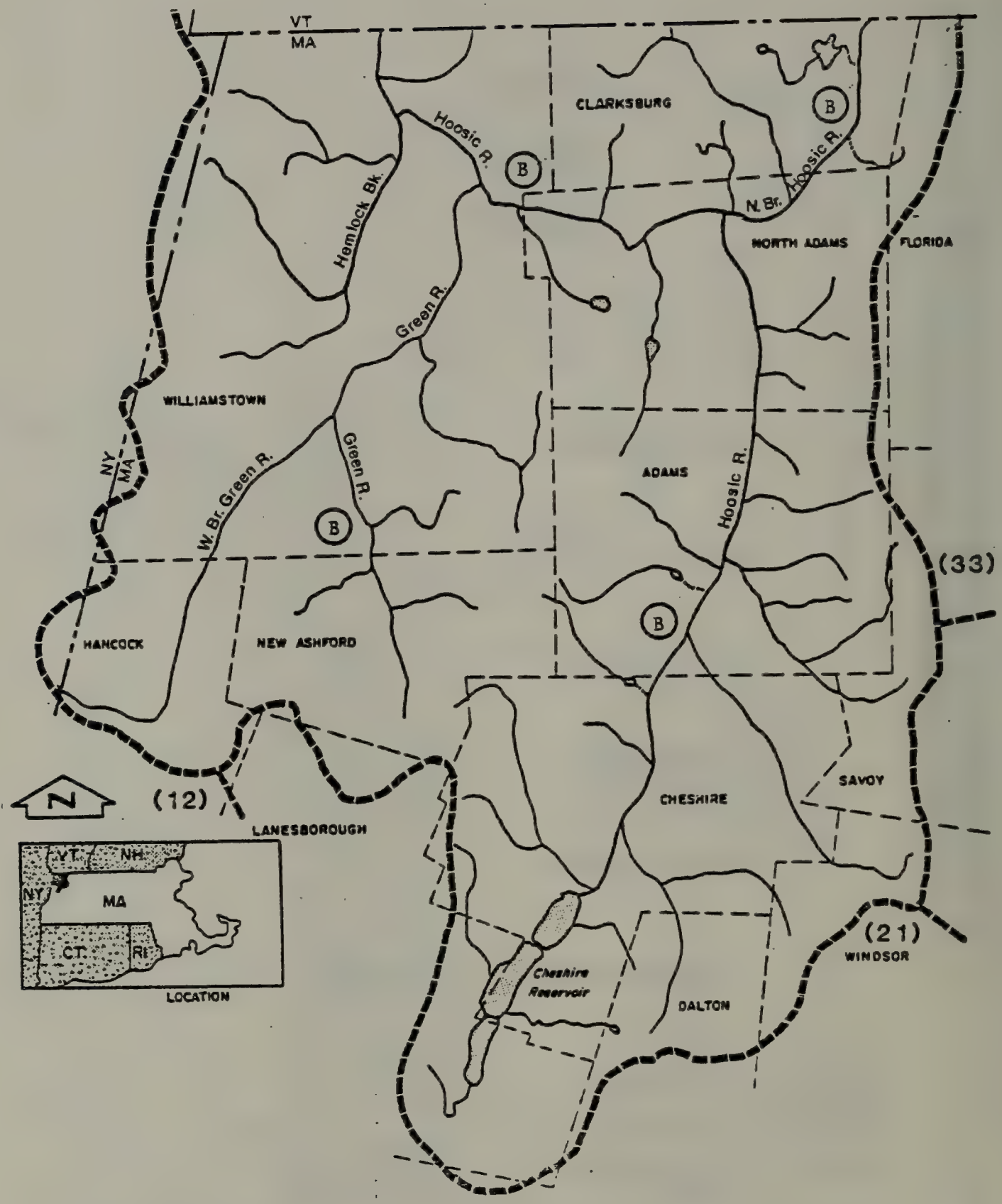


Figure 1
HOOSIC RIVER BASIN (11)

TABLE 1

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
HUDSON	(1)	HOOSIC	11

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
North Branch				
Vermont-Massachusetts State Line to the confluence with the South Branch	9.9 - 0.0	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
South Branch				
Outlet Cheshire Reservoir to Adams STP	23.5 - 15.4	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Adams STP to confluence with the North Branch	15.4 - 10.3	B	Warm Water Fishery Recreation (P&S)	
Hoosic River				
Confluence of North and South Branches to State Line	10.3 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Green River				
Spring Restaurant to confluence with the Hoosic River	9.2 - 0.0	B	Cold Water Fishery Recreation (P&S)	
Basset Brook				
Source to outlet of Basset Brook Reservoir, Cheshire	-	A	Public Water Supply	MGL., Ch. 111

TABLE 1 (CONTINUED)

Notch Brook				
Source to the outlet of Notch Reservoir, N. Adams	-	A	Public Water Supply	MGL., Ch. 111
Broad Brook				
Vermont-Massachusetts State Line to the Water Supply intake in Williamstown	-	A	Public Water Supply	MGL., Ch. 111
Mt. Williams Reservoir				
Source to outlet and tributaries thereto in N. Adams	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the Hoosic River Drainage Area unless otherwise denoted above	-	B		314 CMR 4.04(3)

4.05: continued

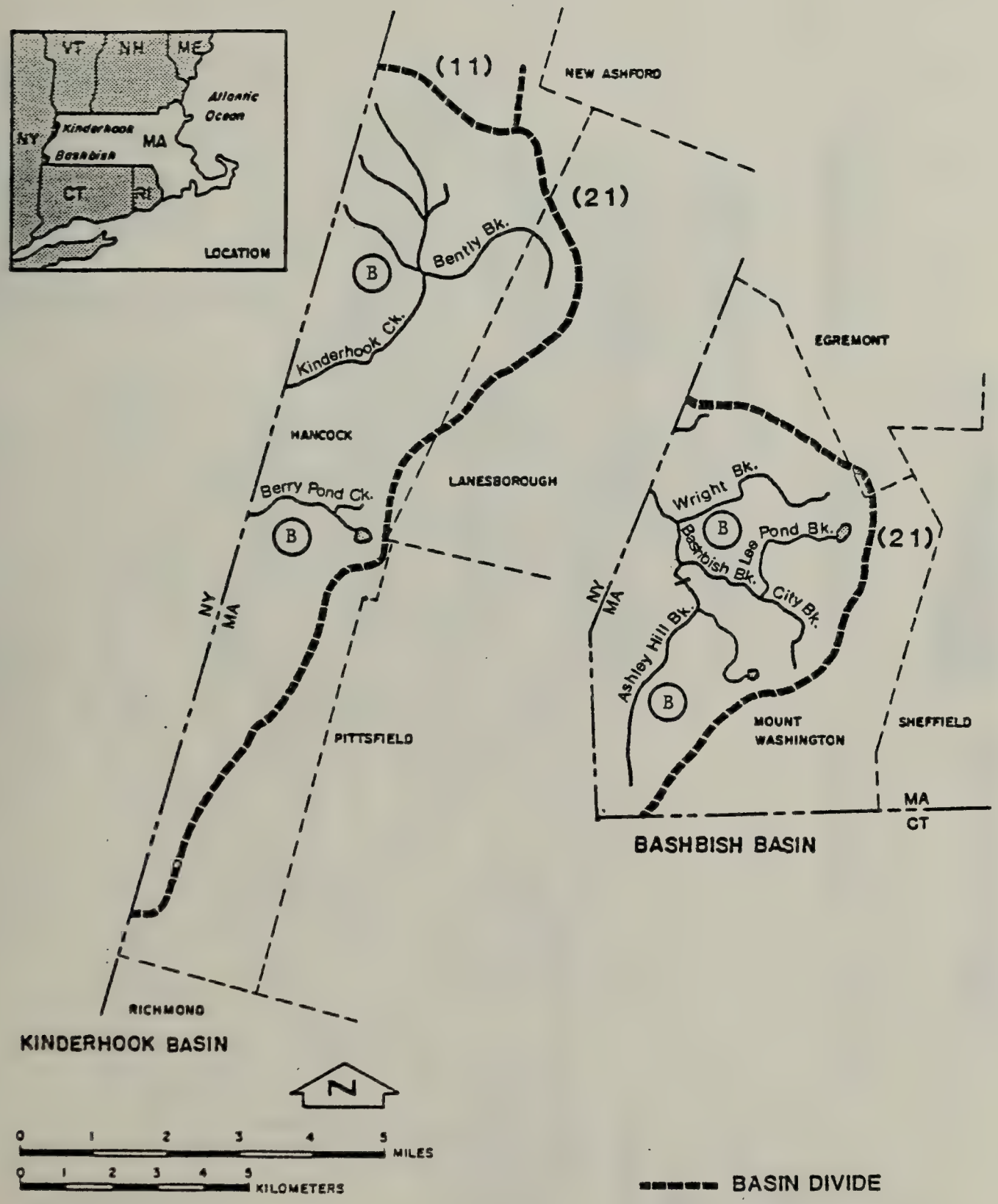


Figure 2

KINDERHOOK (12) and BASHBISH (13)
RIVER BASINS

TABLE 2

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
HUDSON	(I)	KINDERHOOK AND	12
		BASHBISH	13

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Kinderhook Creek				
Source to state border		B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Bashbish Brook				
Source to state border		B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Other surface waters in the Kinderhook and Bashbish river basin unless otherwise denoted above		B	-	314 CMR 4.04(3)

4.05: continued

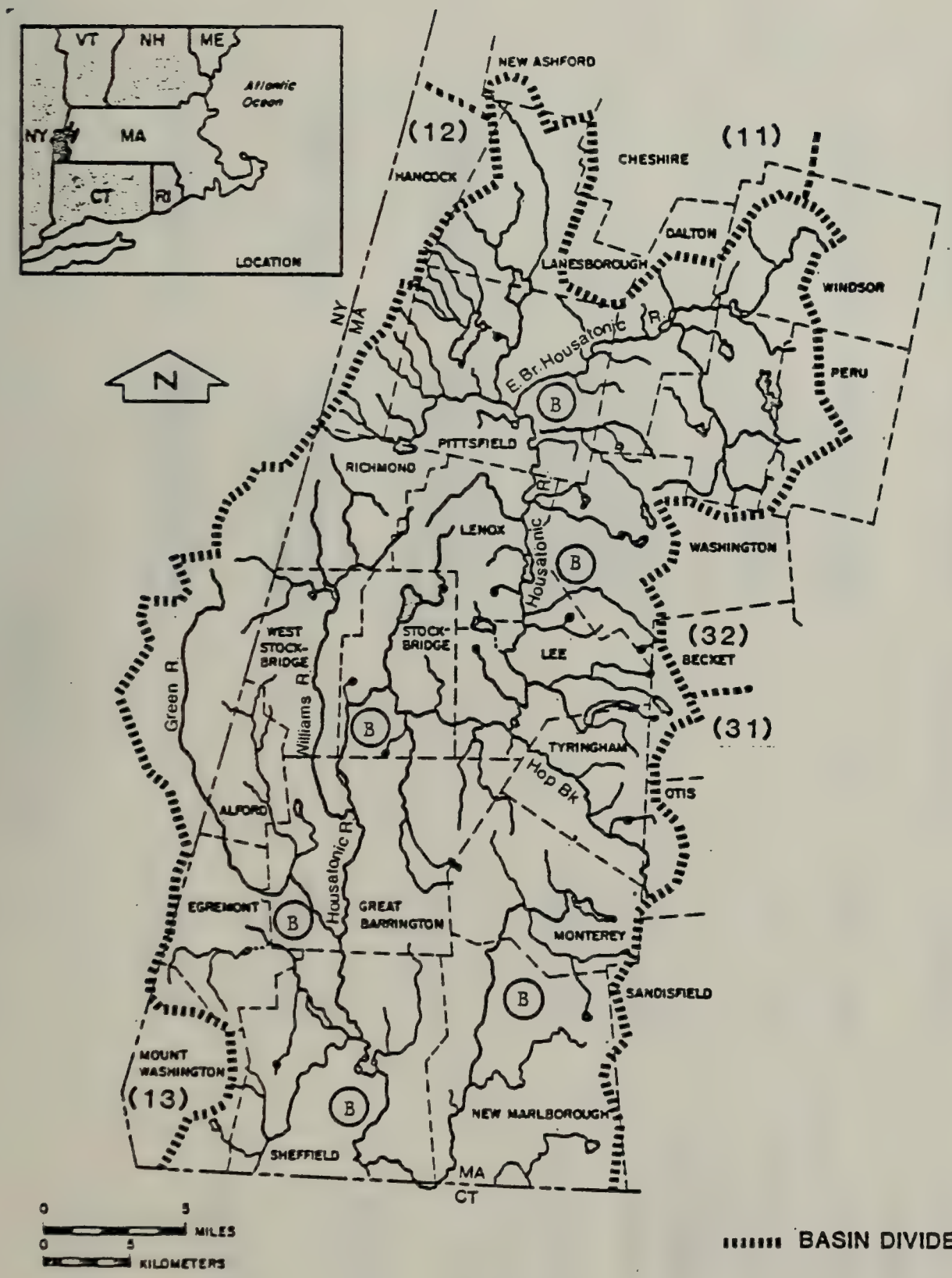


Figure 3 HOUSATONIC RIVER BASIN (21)

TABLE 3

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
HOUSATONIC	(2)	HOUSATONIC	21

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
East Branch				
Source to Crane Paper Co.	69.0 - 60.9	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Crane Paper Co., to confluence	60.9 - 55.4	B	Warm Water Fishery Recreation (P&S)	
Housatonic River				
Source to Pittsfield STP	55.4 - 50.9	B	Warm Water Fishery Recreation (P&S)	
Pittsfield STP to State Line	50.9 - 0.0	B	Warm Water Fishery Recreation (P&S)	
West Branch				
Entire Length	55.4 + 36.0 - 0.0	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Southwest Branch				
Entire Length	55.4 + 0.8+ 34.1 - 0.0	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Goose Pond Stream				
Entire Length	2.3 - 0.0	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)

TABLE 3 (CONTINUED

Williams River				
Entire Length	10.0 - 0.0	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Green River				
Entire Length	9.5 - 0.0	B	Cold Water Fishery Recreation (P&S)	341 CMR 4.04(3)
Hubbard Brook				
Entire Length	6.6 - 0.0	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Fenton Brook				
Entire Length	2.9 - 0.0	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Cleveland Brook				
Source to outlet of Cleveland Brook Reservoir, Dalton	-	A	Public Water Supply	MGL., CH. 111
Ashley Brook				
Source to outlet of Ashley Reservoir, Washington	-	A	Public Water Supply	MGL., Ch. 111
Hathaway Brook				
Source to confluence with Sackett Brook, Washington	-	A	Public Water Supply	MGL., Ch. 111

TABLE 3 (CONTINUED)

Sackett Brook				
Source of outlet of Sackett Reservoir	-	A	Public Water Supply	MGL., Ch. 111
Ravine Reservoir and Woolsey Reservoir and those tributaries thereto in Lenox	-	A	Public Water Supply	MGL., Ch. 111
Windsor Reservoir to its outlet and those tributaries thereto in Windsor and Hinsdale	-	A	Public Water Supply	MGL., Ch. 111
Mill Brook				
Source to outlet of Mill Brook Reservoir, Washington	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the Housatonic Drainage Area unless otherwise denoted above	-	B	Public Water Supply	314 CMR 4.04(3)

4.05: continued

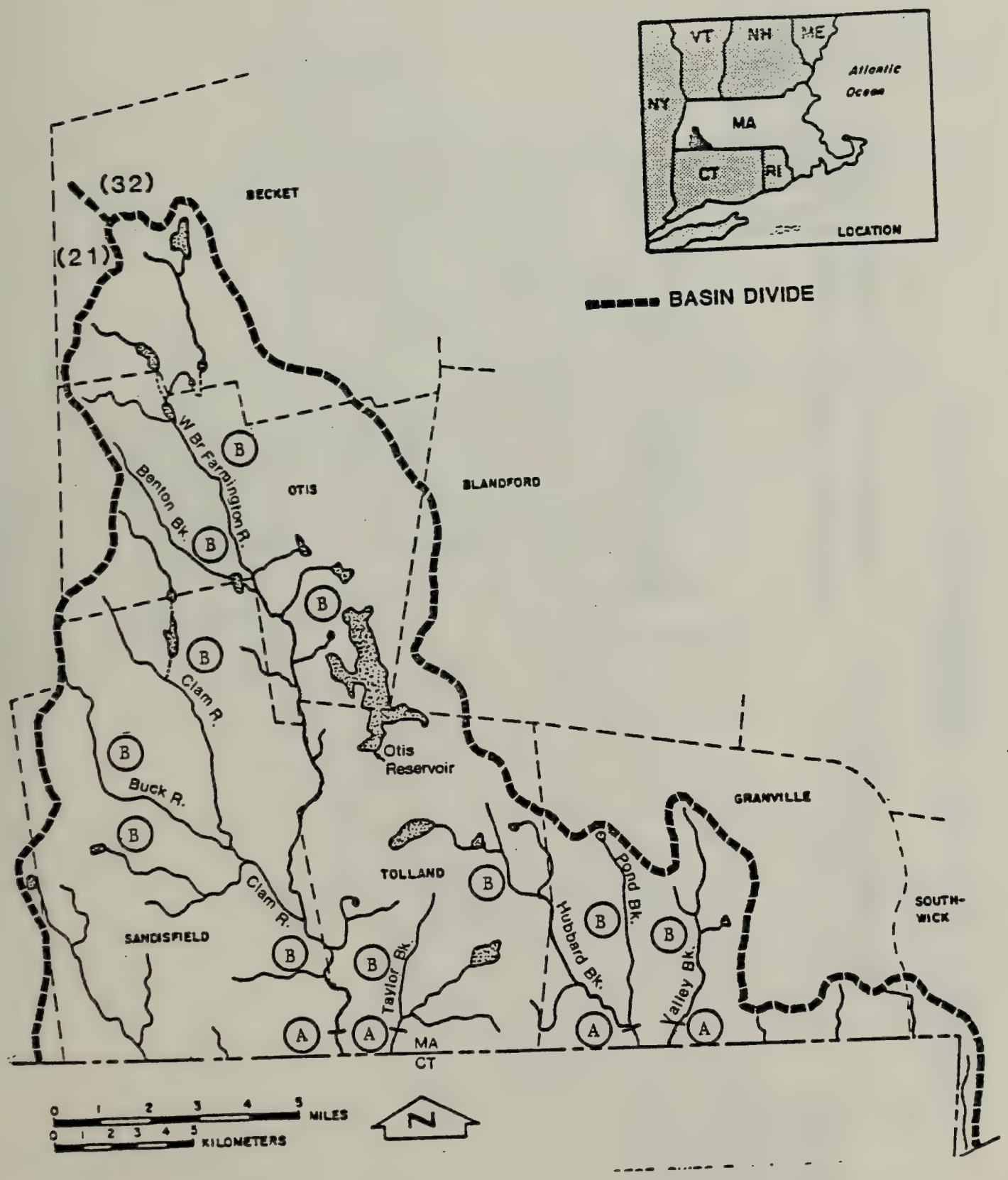


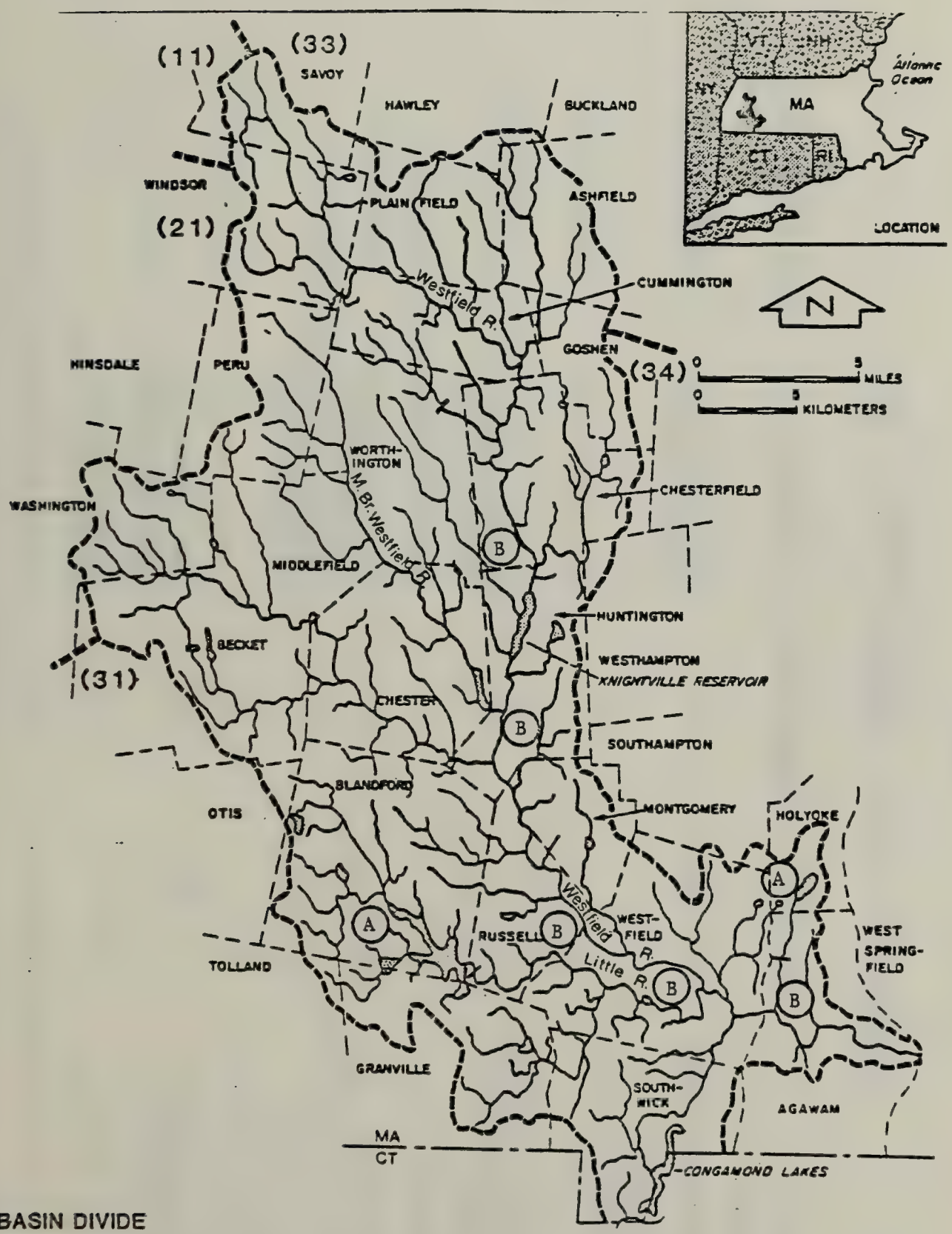
Figure 4 FARMINGTON RIVER BASIN (31)

TABLE 4

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
CONNECTICUT	(3)	FARMINGTON	31

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
All streams in the Farmington River Basin in the portion 1000 feet upstream from the Massachusetts-Connecticut State Line to the State Line	-	A	Public Water Supply	314 CMR 4.04(2)
All other waters of the Farmington River Drainage Area	-	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)

4.05: continued



---- BASIN DIVIDE

Figure 5 WESTFIELD RIVER BASIN (32)

TABLE 5

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
CONNECTICUT	(3)	WESTFIELD	32

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
East Branch				
Source to confluence with Middle Branch	62.5 - 27.1	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Middle Branch				
Source to Littleville Dam	27.1 + 18.0 - 1.0	A	Public Water Supply	MGL., Ch. 111
Littleville Dam to confluence with the East Branch	27.1 + 1.0 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)
West Branch				
Source to Chester Center	25.0 + 17.5 - 7.5	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)
Chester Center to confluence with East Branch	25.0 + 7.5 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	
Westfield River				
Confluence of Middle & East Branches to confluence with Connecticut River	27.1 - 0.0	B	Warm Water Fishery Recreation (P&S)	

TABLE 5 (CONTINUED)

Little River				
Source to Cobble Mt. Reservoir Dam	Above 13.0	A	Public Water Supply	MGL., Ch. 111
Cobble Mt. Reservoir Dam to confluence with Westfield River	13.0 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	
Long Pond to its outlet and tributaries thereto in Blandford	-	A	Public Water Supply	MGL., Ch. 111
Black Brook Reservoir to its outlet and tributaries thereto in Russell	-	A	Public Water Supply	MGL., Ch. 111
Montgomery Reservoir to its outlet and tributaries thereto in Montgomery	-	A	Public Water Supply	MGL., Ch. 111
Winchell Reservoir and tributaries thereto in Granville	-	A	Public Water Supply	MGL., Ch. 111
Bare Hole Reservoir to its outlet and tributaries thereto in West Springfield	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the Westfield River Drainage Area unless otherwise denoted above	-	B		314 CMR 4.04(3)

4.05: continued

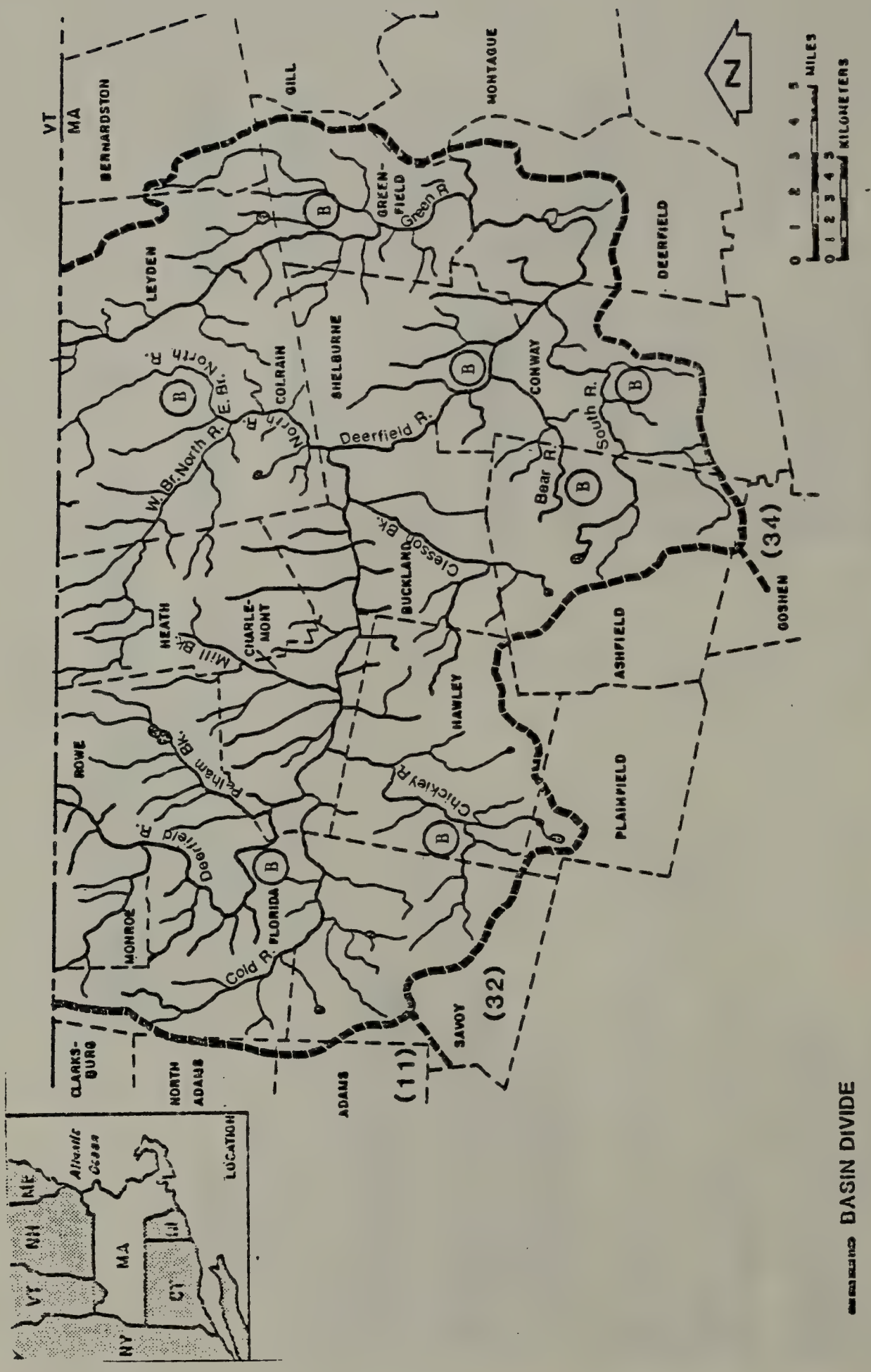


Figure 6

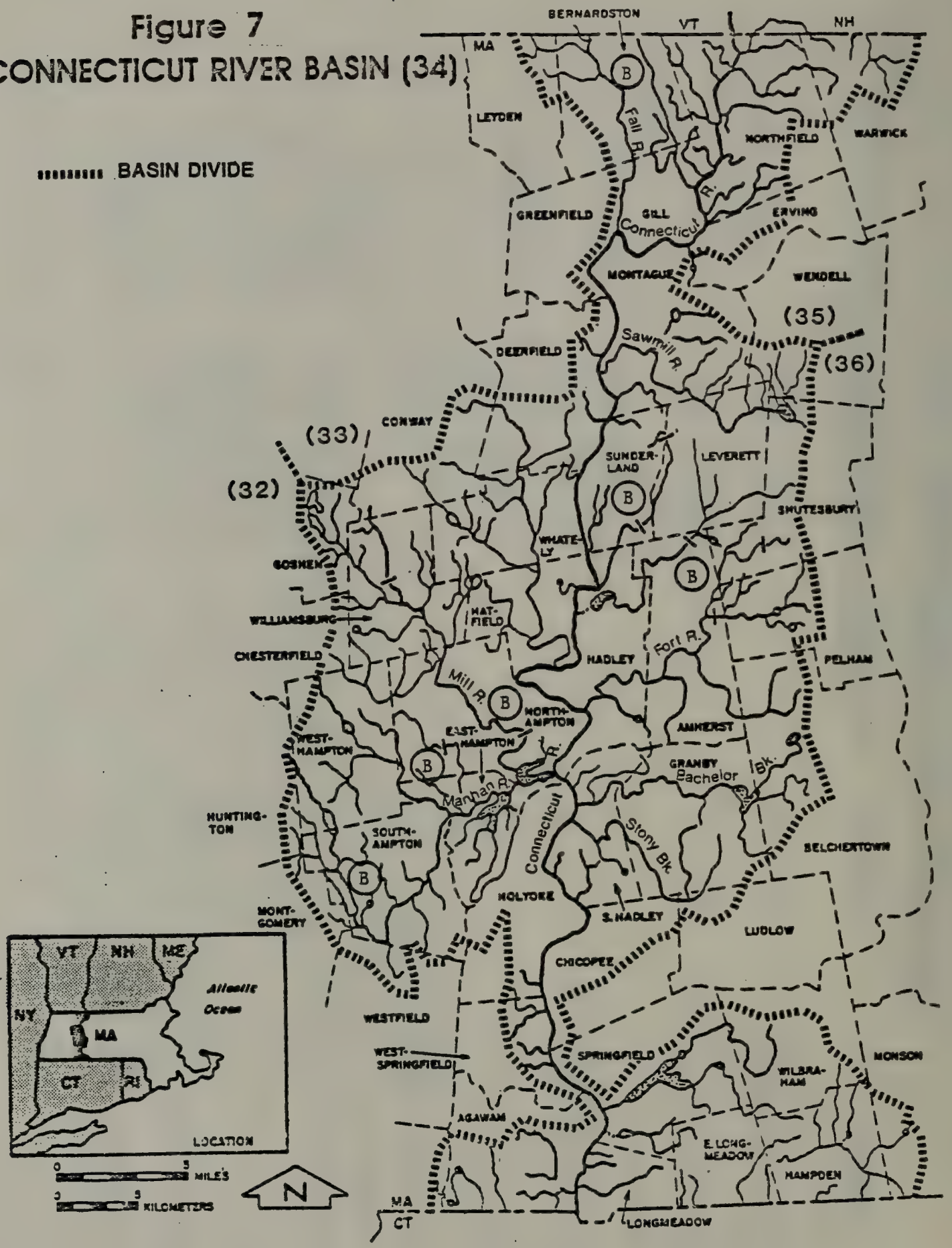
DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
CONNECTICUT	(3)	DEERFIELD	33

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Deerfield River				
Vermont-Massachusetts State Line to confluence with North River	42.9 - 18.2	B	Cold Water Fishery Recreation (P&S)	
North River confluence to confluence with Connecticut River	18.2 - 0.0	B	Warm Water Fishery Recreation (P&S)	
North River				
East and West Branches from the Vermont-Massachusetts State Line to their confluence	-	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Confluence to Kendall Co. Treatment Plant	3.1 - 2.7	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(2)
Kendall Co. Treatment Plant to confluence with Deerfield River	2.7 - 0.0	B	Cold Water Fishery Recreation (P&S)	
Green River				
Vermont-Massachusetts State Line to Silver Street	14.5 - 3.5	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Silver Street to Greenfield Treatment Plant	3.5 - 0.6	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(2)
Greenfield Treatment Plant to confluence with the Deerfield River	0.6 - 0.0	B	Cold Water Fishery Recreation (P&S)	
Other surface waters in the Deerfield River Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

Figure 7
CONNECTICUT RIVER BASIN (34)

BASIN DIVIDE



DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
CONNECTICUT	(3)	CONNECTICUT	34

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Connecticut River				
New Hampshire, Vermont-Massachusetts State Line to the Connecticut-Massachusetts State Line	138.2 - 70.7	B	Warm Water Fishery Recreation (P&S)	
Bachelor Brook, Weston Brook and Lampson Brook from the Belchertown School STP to the confluence with the Connecticut River	12.4 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Running Gutter Brook Reservoir to its outlet in Hatfield & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Mountain St. Reservoir to its outlet in Williamsburg & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Northampton Reservoir to its outlet in Whately & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Shingle Mill Brook Reservoir to its outlet in Hadley and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111

TABLE 7 (CONTINUED)

Roberts Meadow Brook Reservoir to its outlet in Northampton & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Bearhole Reservoir to its outlet in W. Springfield & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Manhan Reservoir to its outlet & those tributaries thereto in Southampton	-	A	Public Water Supply	MGL., Ch. 111
Hugh McLean Reservoir to its outlet & those tributaries thereto in Holyoke	-	A	Public Water Supply	MGL., Ch. 111
White Reservoir to its outlet & those tributaries thereto in Southampton	-	A	Public Water Supply	MGL., Ch. 111
Whiting St. Reservoir to its outlet & those tributaries thereto in Holyoke	-	A	Public Water Supply	MGL., Ch. 111
Unquemonk Brook Reservoir to its outlet & those tributaries thereto in Williamsburg.	-	A	Public Water Supply	MGL., Ch. 111
Louisiana Brook from its source in Northfield to outlet of Seminary Reservoir & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Minot Brook from its source in Northfield to the outlet of Minot Brook Reservoir & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111

TABLE 7 (CONTINUED)

Lake Pleasant to its outlet in Montague & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Saw Mill Reservoir to its outlet in Sunderland & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Amherst Reservoir to its outlet in Pelham & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Holyoke Reservoir to its outlet in Holyoke & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Middle Reservoir to its outlet & those tributaries thereto in Northampton & West Hampton	-	A	Public Water Supply	MGL., Ch. 111
Mountain St. Reservoir to its outlet & those tributaries thereto in Williamsburg & Conway	-	A	Public Water Supply	MGL., Ch. 111
Highland Spring Reservoir to its outlet & those tributaries thereto in Ashfield	-	A	Public Water Supply	MGL., Ch. 111
Springfield Reservoir in Ludlow & those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Other streams in the Connecticut River Watershed area unless denoted above	-	A	Public Water Supply	MGL., Ch. 111

TABLE 7 (CONTINUED)

Other surface waters in the Connecticut River Drainage Area unless otherwise denoted above	-	A	Public Water Supply	MGL., Ch. 111

4.05: continued

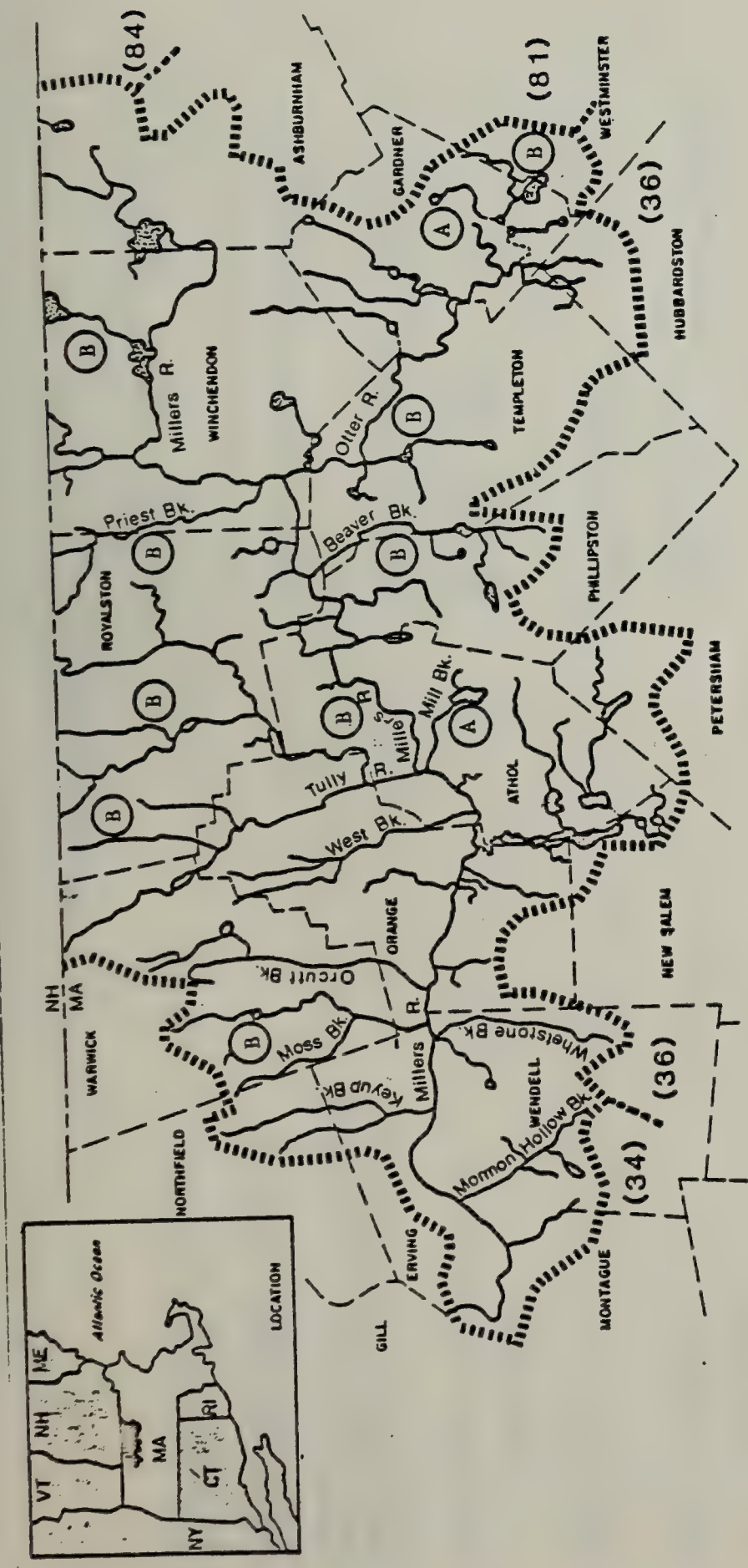


Figure 8

TABLE 8

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
CONNECTICUT	(3)	MILLERS	35

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Millers River				
Source to Winchendon STP	42.2 - 35.7	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Winchendon STP to confluence with Connecticut River	35.7 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Otter River				
Source to Gardner STP	12.2 - 9.7	B	Aquatic Life Recreation (P&S)	314 CMR 4.04(3)
Gardner STP to confluence with Millers River	9.7 - 0.0	B	Aquatic Life Recreation (P&S)	
Beaver Brook				
Fernald School to confluence	3.1 - 0.0	B	Cold Water Fishery Recreation (P&S)	
Upper Naukeag Lake to its outlet in Ashburnham and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Coolidge Brook Reservoir to its outlet in Orange and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111

TABLE 8 (CONTINUED)

Perley Brook from its source to water supply intake, Gardner	-	A	Public Water Supply	MGL., Ch. 111
Those ponds in Athol designated for water supply purposes	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the Millers River Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

Figure 9 CHICOPEE RIVER BASIN (36)

TABLE 9

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
CONNECTICUT	(3)	CHICOPEE	36

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Ware River				
Source to MDC intake	34.0 - 29.1	A	Public Water Supply	MGL., Ch. 111
MDC intake to South Barre	29.1 - 27.3	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
South Barre to confluence with Quaboag River	27.3 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Prince River				
Entire Length	26.4 + 8.4 - 0.0	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(2)
Swift River				
Upstream of Windsor Dam	0.8 + Above 9.8	A	Public Water Supply	MGL., Ch. 111
Windsor Dam to confluence with Ware River	0.8 + 9.8 - 0.0	B	Cold Water Fishery Recreation (P&S)	
Seven Mile River				
Source to Spencer STP	9.5 - 2.4	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(2)

TABLE 9 (CONTINUED)

Spencer STP to confluence with East Brookfield River	2.4 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	
East Brookfield River				
Entire Length	1.7 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	
Quaboag River				
Source to Rt. 67	24.9 - 19.2	B	Aquatic Life Recreation (P&S)	
Rt. 67 to confluence with Ware River	19.2 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Dunn Brook				
Source to North Brookfield STP	25.0 + 4.3 - 3.3	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
North Brookfield STP to confluence with Quaboag River	25.0 + 3.3 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Chicopee Brook				
Entire Length	4.5 + 1.0 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)
Chicopee River				
Confluence of Ware and Quaboag Rivers to confluence with the Connecticut River	17.9 - 0.0	B	Warm Water Fishery Recreation (P&S)	

TABLE 9 (CONTINUED)

Conant Brook Reservoir to outlet in Monson and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Barre Reservoir to outlet in Monson and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Ingal Brook Reservoir to outlet in Barre and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Hamilton Reservoir to outlet in Palmer and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Doane Pond to outlet in North Brookfield and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
North Pond to outlet in North Brookfield and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Shaw Pond to outlet in Spencer and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Cooley Hill Reservoir to outlet in North Brookfield and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the Chicopee River Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

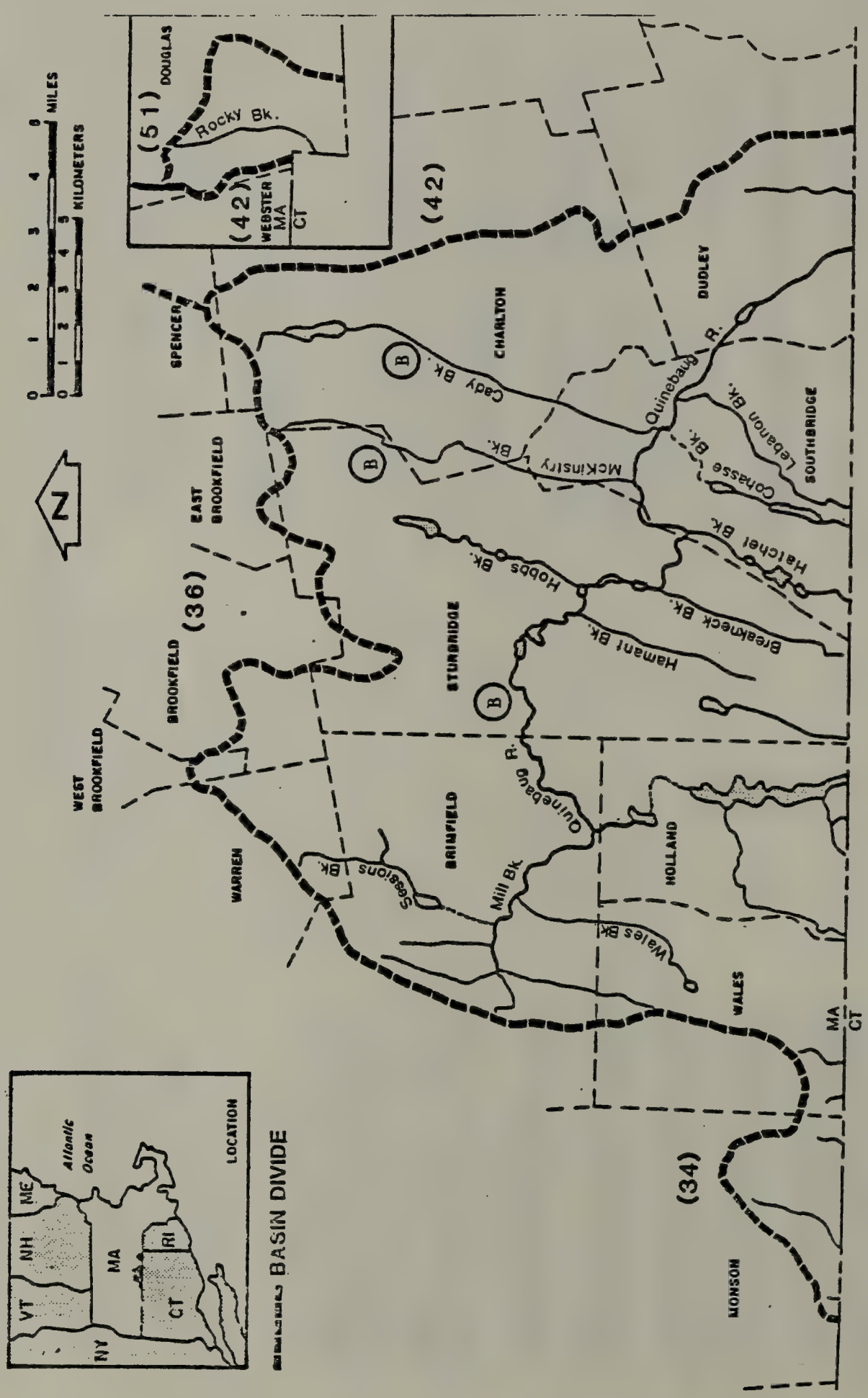


Figure 10

TABLE 10

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
THAMES	(4)	QUINEBAUG	41

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Quinebaug River				
Hamilton Reservoir to Sturbridge STP	30.7 - 19.7	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Sturbridge STP to Cady Brook confluence	19.7 - 13.4	B	Cold Water Fishery Recreation (P&S)	
Cady Brook confluence to Southbridge STP	13.4 - 12.2	B	Cold Water Fishery (Sn) Recreation (P&S)	
Southbridge STP to State Line	12.2 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Cady Brook				
Outlet Glen Echo Lake to Charlton City	6.1 - 5.5	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Charlton City to confluence with Quinebaug River	5.1 - 0.0	B	Warm Water Fishery Recreation (P&S)	

4.05: continued

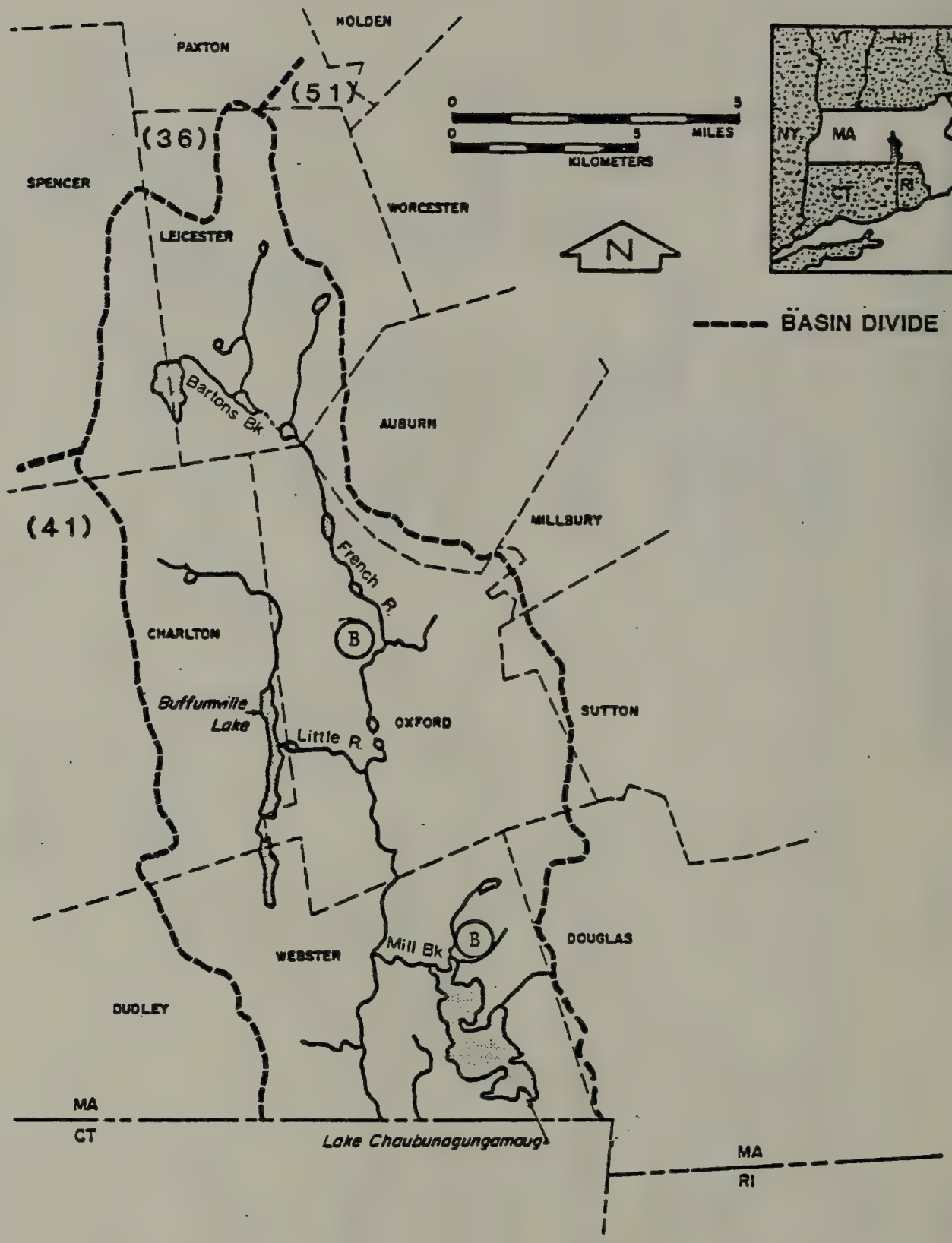


Figure 11 FRENCH RIVER BASIN (42)

TABLE 11

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
THAMES	(4)	FRENCH	42

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
French				
Sargent Pond to Leicester STP	27.7 - 27.0	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Leicester STP to State Line	27.0 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Grindstone Brook from its source to outlet of Henshaw Pond, Leicester	-	A	Public Water Supply	MGL., Ch. 111
Hatchet Brook from Massachusetts-Connecticut State Line to outlet of Number 3 Reservoir	-	A	Public Water Supply	MGL., Ch. 111
Tributaries of Muddly Brook from source to Massachusetts-Connecticut State Line	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the French and Quinebaug Rivers Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

Figure 12 BLACKSTONE RIVER BASIN (51)

TABLE 12

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
NARRAGANSETT BAY	(5)	BLACKSTONE	51

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Kettle Brook				
Source to dam at Reservoir #1	66.0 - 61.0	A	Public Water Supply	MGL., Ch. 111
Dam at Reservoir #1 to Waite Pond outlet	61.0 - 59.3	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(2)
Waite Pond to outlet of Curtis Pond	59.3 - 51.3	B	Warm Water Fishery Recreation (P&S)	
Middle River				
Entire Length	51.3 - 48.8	B	Warm Water Fishery Recreation (P&S)	
Blackstone River				
Source to outlet of Fisherville Pond	48.8 - 39.7	B	Warm Water Fishery Recreation (P&S)	
Remainder of Massachusetts portion	39.7 - 20.0	B	Warm Water Fishery Recreation (P&S)	
Quinsigamond River				
Entire Length	5.3 - 0.0	B	Warm Water Fishery Recreation (P&S)	

TABLE 12 (CONTINUED)

Mumford River			
Source to Douglas STP	14.5 - 9.0	B	Cold Water Fishery (Sn) 314 CMR 4.04(2) Recreation (P&S)
Douglas STP to confluence with Blackstone River	9.0 - 0.0	B	Warm Water Fishery Recreation (P&S)
West River			
Source to Upton STP	-	B	Cold Water Fishery (Sn) 314 CMR 4.04(2) Recreation (P&S)
Upton STP to Blackstone River	8.8 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)
Mill River			
Source to Hopedale Center Dam	-	B	Cold Water Fishery (Sn) 314 CMR 4.04(2) Recreation (P&S)
1000 feet upstream of the State Line	11.0 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)
Beaver Brook			
Entire Length	3.0 - 0.0	B	Warm Water Fishery 314 CMR 4.04(2) Recreation (P&S)
Weasel Brook			
Entire Length	3.0 - 0.0	B	Warm Water Fishery 314 CMR 4.04(2) Recreation (P&S)

TABLE 12 (CONTINUED)

Lynde Brook				
Source to dam at Lynde Brook Reservoir	-	A	Public Water Supply	314 CMR 4.04(2)
Tatnuck Brook				
Source to outlet of Holden Reservoir, Holden	-	A	Public Water Supply	MGL., Ch. 111
All streams which are public water supply in the Blackstone River Drainage Area which cross the Massachusetts-Rhode Island State Line unless otherwise denoted above	-	A	Public Water Supply	
Other surface waters in the Blackstone River Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

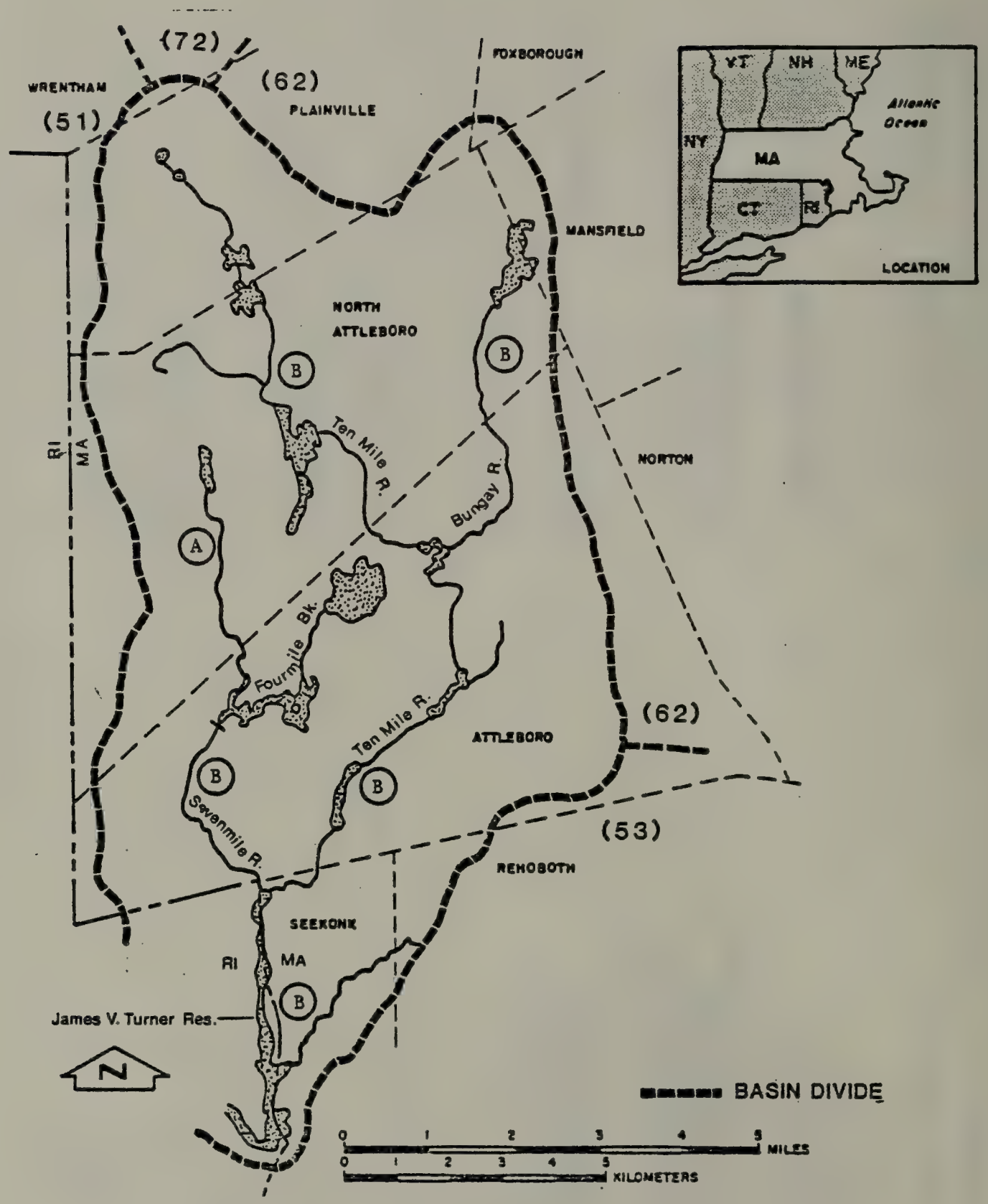


Figure 1: TEN MILE RIVER BASIN (52)

TABLE 13

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
NARRAGANSETT BAY	(5)	TEN MILE	52

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Ten Mile River				
Source to Plainville Center	23.1 - 19.9	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)
Plainville Center to Whiting Pond Dam	19.9 - 19.3	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Whiting Pond Dam to confluence	19.3 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Bungay River				
Entire Length	4.5 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	
Speedway Brook				
Entire Length	2.0 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Seven Mile River				
Source to Orrs Pond outlet and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the Ten Mile River Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

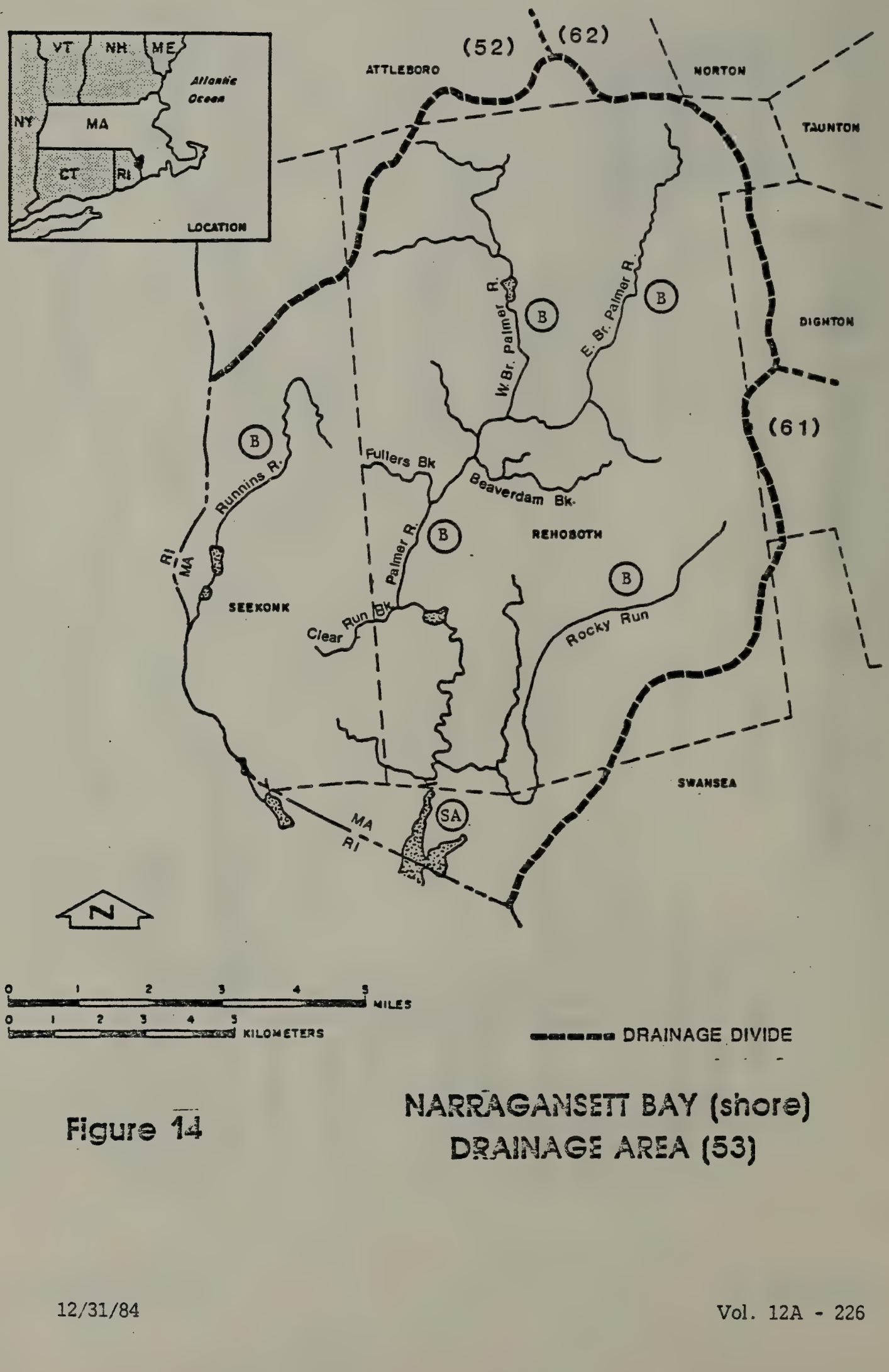


Figure 14

NARRAGANSETT BAY (shore)
DRAINAGE AREA (53)

TABLE 14

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
NARRAGANSETT BAY	(5)	NARRAGANSETT BAY	53

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Barrington River				
Source to state border		SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Palmer River				
Source to state border		B	Cold Water Fishery Recreation (P&S)	
All other surface waters subject to the rise and fall of the tide in Narragansett Bay		SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
All other surface waters not subject to the rise and fall of the tide in Narragansett Bay		B	-	314 CMR 4.04(3)

4.05: continued

Figure 15
MOUNT HOPE BAY (shore)
DRAINAGE AREA (61)

TABLE 15

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
MOUNT HOPE BAY	(6)	MOUNT HOPE BAY	61

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Mount Hope Bay				
East of line from Brayton Point to Bouy 4 (1967)	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
West of line from Brayton Point to Bouy 4 (1967)	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Lee and Cole Rivers				
Source to estuary	-	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(2)
Estuary	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Quequechan River				
Entire Length	2.5 - 0.0	B	Warm Water Fishery Recreation (P&S)	
North Watuppa Pond in Fall River and Westport	-	A	Public Water Supply	MGL., Ch. 111

TABLE 15 (CONTINUED)

All other surface waters in the Mount Hope Bay Coastal Drainage Area subject to the rise and fall of the tide	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Other surface waters in the Mount Hope Bay Coastal Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

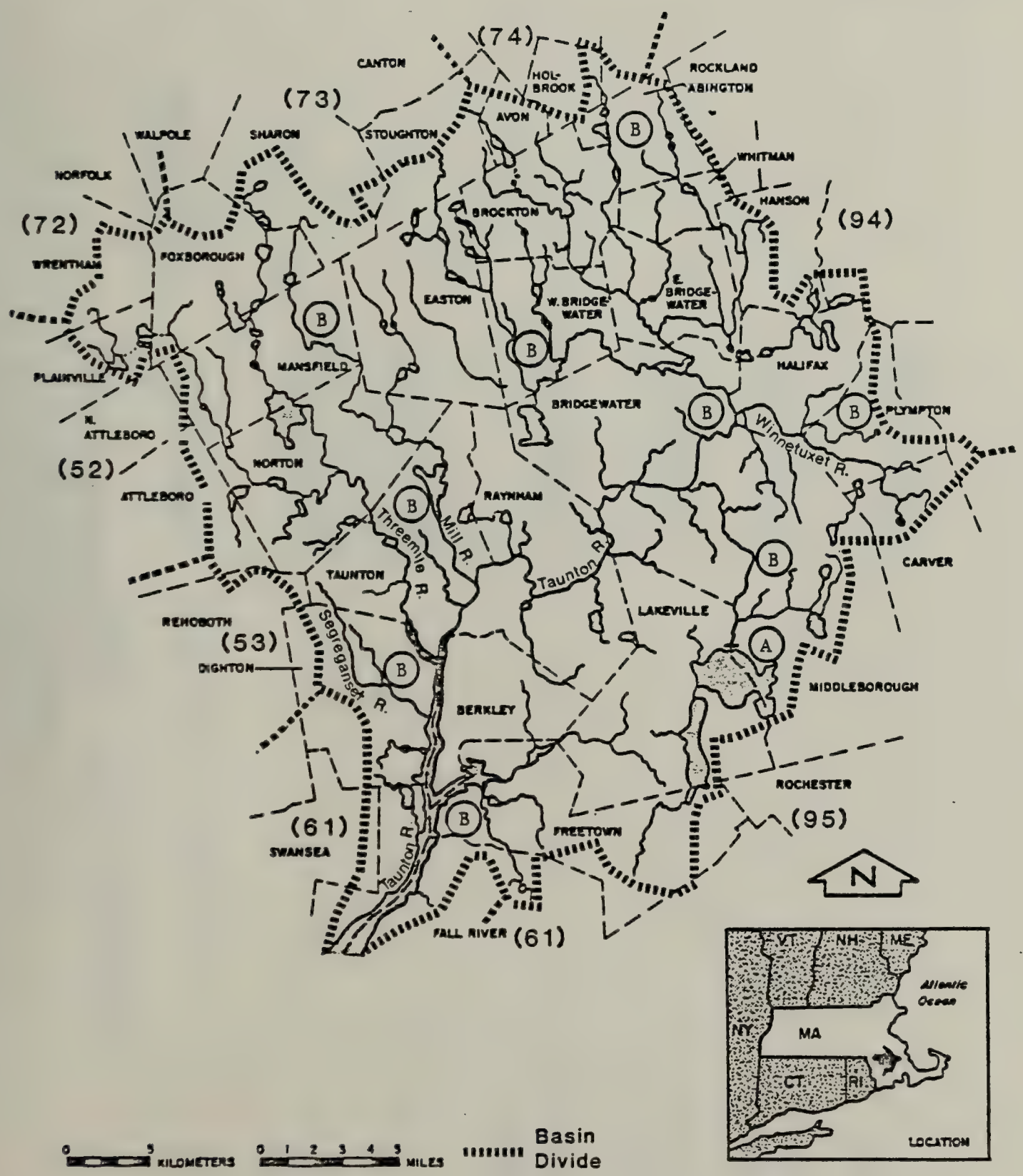


Figure 16 TAUNTON RIVER BASIN (62)

NON-TEXT PAGE

TABLE 16

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
MOUNT HOPE BAY	(6)	TAUNTON	62

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Taunton River				
Source to Rt. 24 Bridge	40.8 - 21.7	B	Warm Water Fishery Recreation (P&S)	
Rt. 24 Bridge to mouth	21.7 - 2.7	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Salisbury Plain & Matfield Rivers				
Brockton STP to confluence	-	B	Warm Water Fishery Recreation (P&S)	
Town River				
Bridgewater STP to confluence	2.2 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Nemasket River				
Middlebcrough STP to confluence	-	B	Warm Water Fishery Recreation (P&S)	
Saw Mill Brook				
Entire Length	1.5 - 0.0	B	Warm Water Fishery Recreation (P&S)	

TABLE 16 (CONTINUED)

Mill Brook				
From Wittenton Street to confluence	3.5 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Three Mile River				
Source to confluence	15.8 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Wading River				
From Chartley Brook to confluence	5.2 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	
Silver Lake in Plympton, Kingston, Pembroke and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Avon Reservoir in Avon and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Assawampsit Pond in Lakeville and Middleborough and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Pocksha Pond in Middleborough and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Elders Pond in Lakeville and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Great Quittacas Pond in Lakeville, Middleborough and Rochester and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111

TABLE 16 (CONTINUED)

Little Quittacas Pond in Lakeville and Rochester and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the Taunton River Drainage Area unless otherwise denoted above	-	B		314 CMR 4.04(3)

4.05: continued

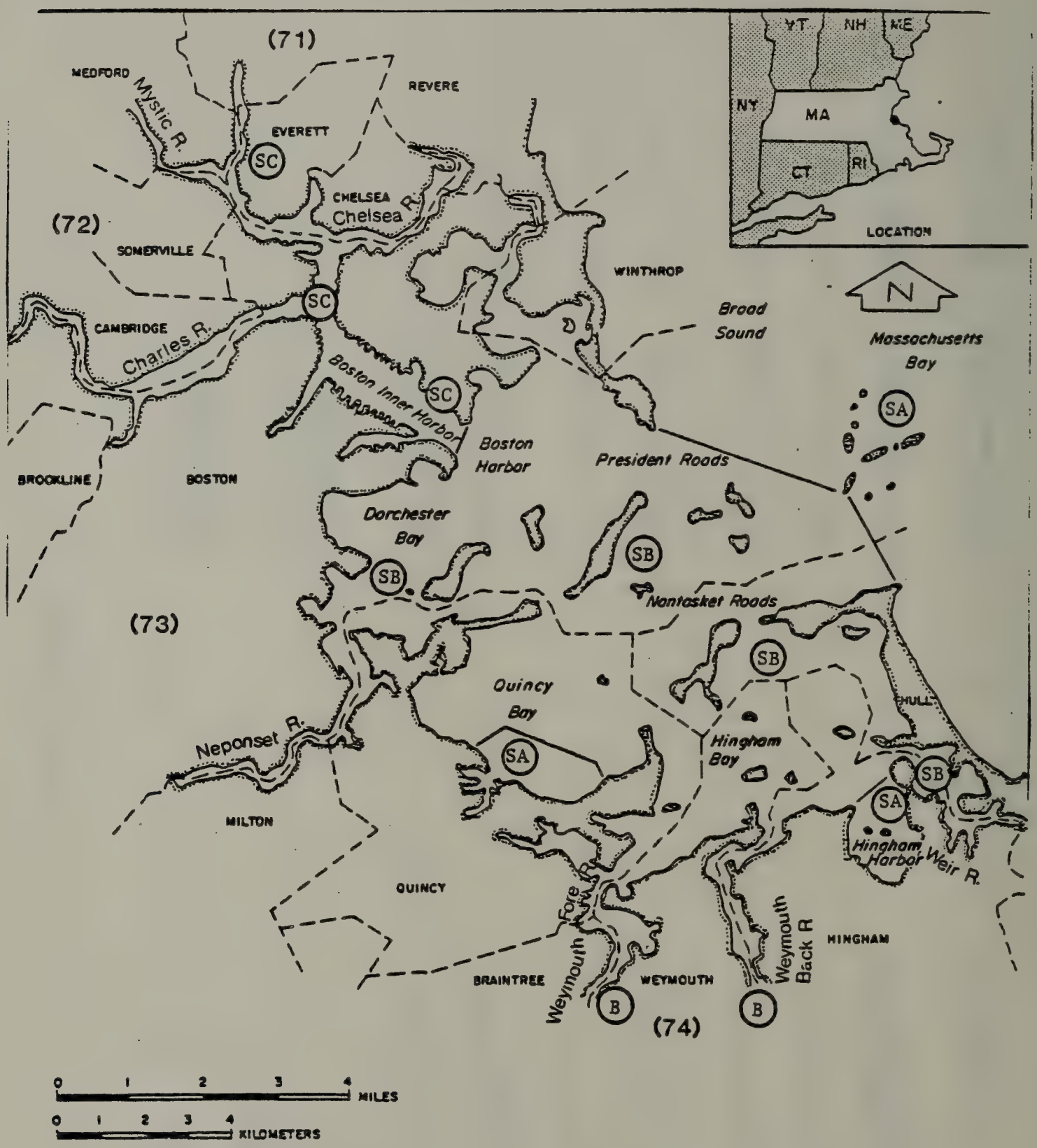


Figure 17 BOSTON HARBOR DRAINAGE SYSTEM

TABLE 17

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
BOSTON HARBOR	(7)	BOSTON HARBOR	70

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Boston Harbor				
Inside a line from the Southerly Tip of Deer Island to Boston Lighthouse to Point Allerton in Hull except as denoted below	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Boston Inner Harbor Westerly inside a line from the Southern Tip of Governors Island to Fort Independence including the Charles, Mystic, Island End and Chelsea (Creek) Rivers and Reserved, Fort Point and Little Mystic Channels	-	SC	Marine Fishery Recreation (S)	
Dorchester Bay	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Quincy Bay	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Hingham Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	

TABLE 17 (CONTINUED)

Hull Bay	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)
Other surface waters subject to the rise and fall of the tide in the Boston Harbor	-	SB	-

4.05: continued

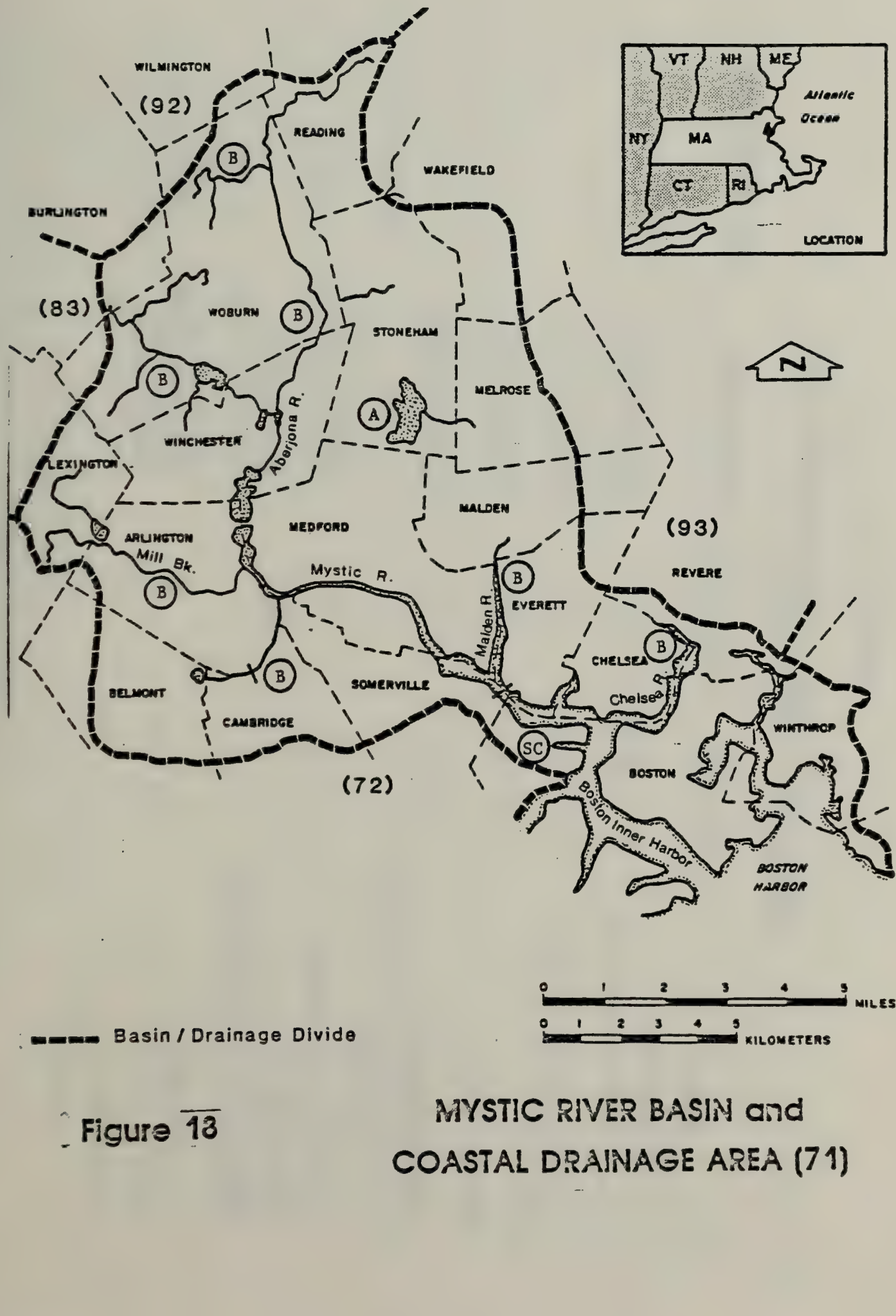


Figure 13

MYSTIC RIVER BASIN and
COASTAL DRAINAGE AREA (71)

TABLE 18

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
BOSTON HARBOR	(7)	MYSTIC	71

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Abjerona River				
Source to outlet Mishawam Lake	18.4 - 15.1	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Outlet Mishawam Lake to inlet Mystic Lake	15.1 - 9.2	B	Warm Water Fishery Recreation (P&S)	
Upper Mystic Lake	9.2 - 8.1	B	Warm Water Fishery Recreation (P&S)	
Lower Mystic Lake	8.1 - 7.4	B	Warm Water Fishery Recreation (P&S)	
Mystic River				
Outlet Lower Mystic Lake to Amelia Earhart Dam	7.4 - 2.0	B	Warm Water Fishery Recreation (P&S)	
Amelia Earhart Dam to confluence with the Chelsea River	2.0 - 0.0	SC	Marine Fishery Recreation (S)	
Malden River				
Entire Length	1.9 - 0.0	B	Warm Water Fishery Recreation (P&S)	

TABLE 18 (CONTINUED)

Alewife Brook				
Entire Length	2.0 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Horn Pond, Woburn	-	B	Warm Water Fishery Recreation (P&S)	Emergency Water Supply
North Reservoir, Middle Reservoir, and South Reservoir in Winchester Stoneham and Medford	-	A	Public Water Supply	MGL., Ch. 111
Crystal Lake Wakefield and Stoneham	-	A	Public Water Supply	Treated
Other surface waters in the Mystic River Drainage Basin unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

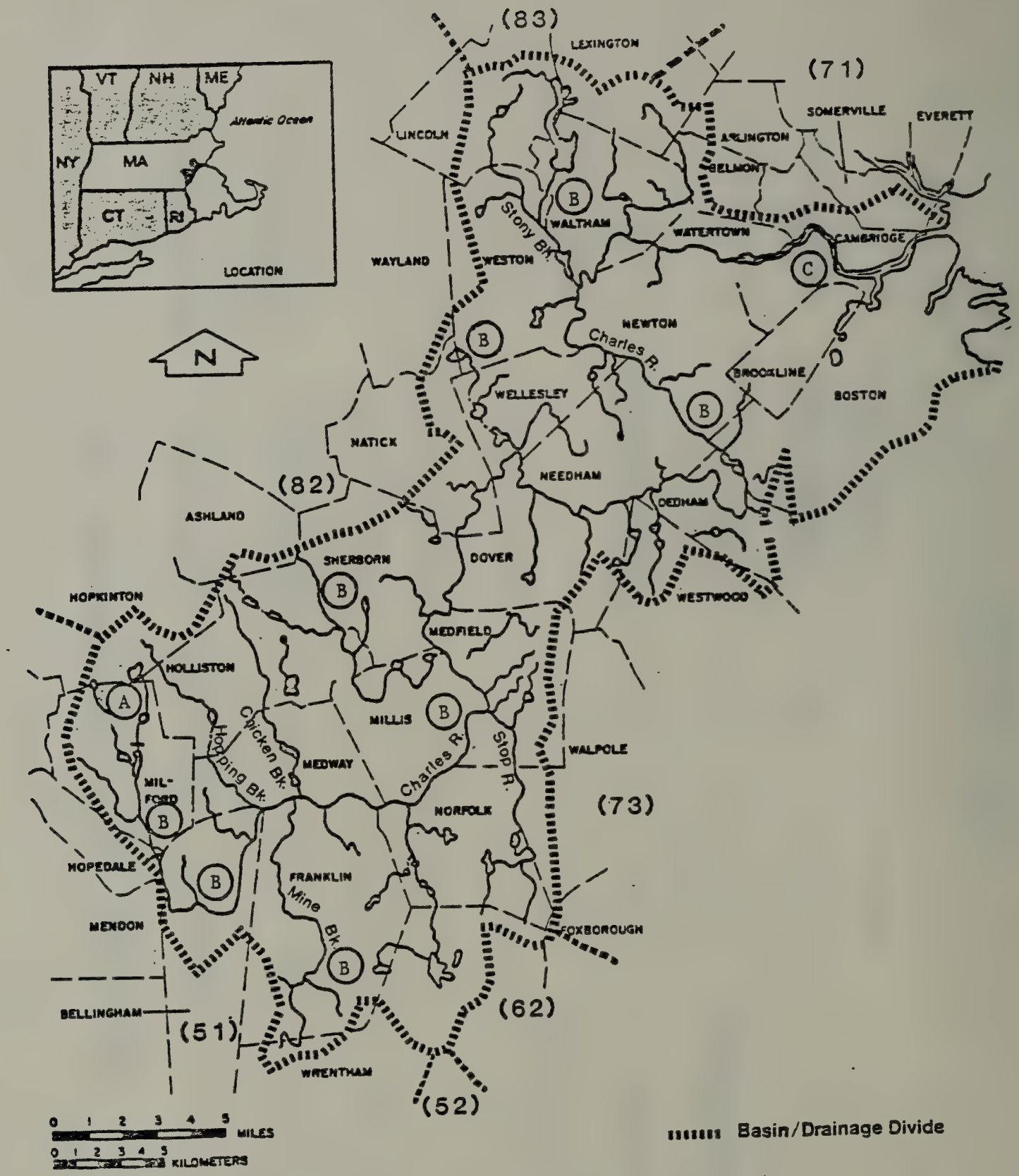


Figure 19

CHARLES RIVER BASIN and
COASTAL DRAINAGE AREA (72)

TABLE 19

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
BOSTON HARBOR	(7)	CHARLES	72

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Charles River				
Source to Dilla Street	78.9 - 76.5	A	Public Water Supply	MGL., CH. 111
Dilla Street to Milford STP	76.5 - 73.4	B	Aquatic Life Recreation (P&S)	
Milford STP to outlet Populatic Pond	73.4 - 58.9	B	Warm Water Fishery Recreation (P&S)	
Outlet Populatic Pond to South Natick Dam	58.9 - 41.0	B	Cold Water Fishery (Sn) Recreation (P&S)	
South Natick Dam to Watertown Dam	41.0 - 9.8	B	Warm Water Fishery Recreation (P&S)	
Charles Basin				
Watertown Dam to Science Park Dam	9.8 - 1.2	C	Warm Water Fishery Recreation (S)	
Muddy River				
Entire Length	1.5 - 0.0	C	Warm Water Fishery Recreation (S)	
Mine Brook				
Source to Franklin STP	7.2 - 4.0	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)

TABLE 19 (CONTINUED)

Franklin STP to confluence	4.0 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Sugar Brook				
Entire Length	3.0 - 0.0	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Other surface waters in the Charles River and Charles Basin Drainage Areas not subject to the rise and fall of the tide	-	B	-	314 CMR 4.04(3)

TABLE 19 (CONTINUED)

Sugar Brook				
Entire Length	3.0 - 0.0	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Other surface waters in the Charles River and Charles Basin Drainage Areas not subject to the rise and fall of the tide	-	B	-	314 CMR 4.04(3)

4.05: continued

Figure 20
NEPONSET RIVER BASIN and COASTAL DRAINAGE AREA (73)

——— Basin / Drainage Divide

TABLE 20

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
BOSTON HARBOR	(7)	NEPONSET	73

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Neponset Reservoir				
Upstream of dam at outlet of Crackrock Pond	Above 29.5	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Neponset River				
Source to Milton Lower Falls Dam	29.5 - 4.2	B	Warm Water Fishery Recreation (P&S)	
Tidal Portion	4.2 - 0.0	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Other surface waters in the Neponset River Basin unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

Figure 21

WEYMOUTH and WEIR RIVER BASINS and COASTAL DRAINAGE AREA (74)

TABLE 21

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
BOSTON HARBOR	(7)	WEYMOUTH AND WEIR	74

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Weymouth Fore River	-	B	Warm Water Fishery Recreation (P&S)	
Weymouth Back River	-	B	Warm Water Fishery Recreation (P&S)	
Weir River	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Spot River, Norumbega Reservoir, Weston Reservoir, Stan Brook Reservoir, Upper Hobbs Brook Reservoir, Lower Hobbs Brook Reservoir, Accord Pond and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters subject to the rise and fall of the tide in Weymouth and Weir Basins and coastal drainage area	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Other surface waters in the Weymouth and Weir Basins and coastal drainage area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

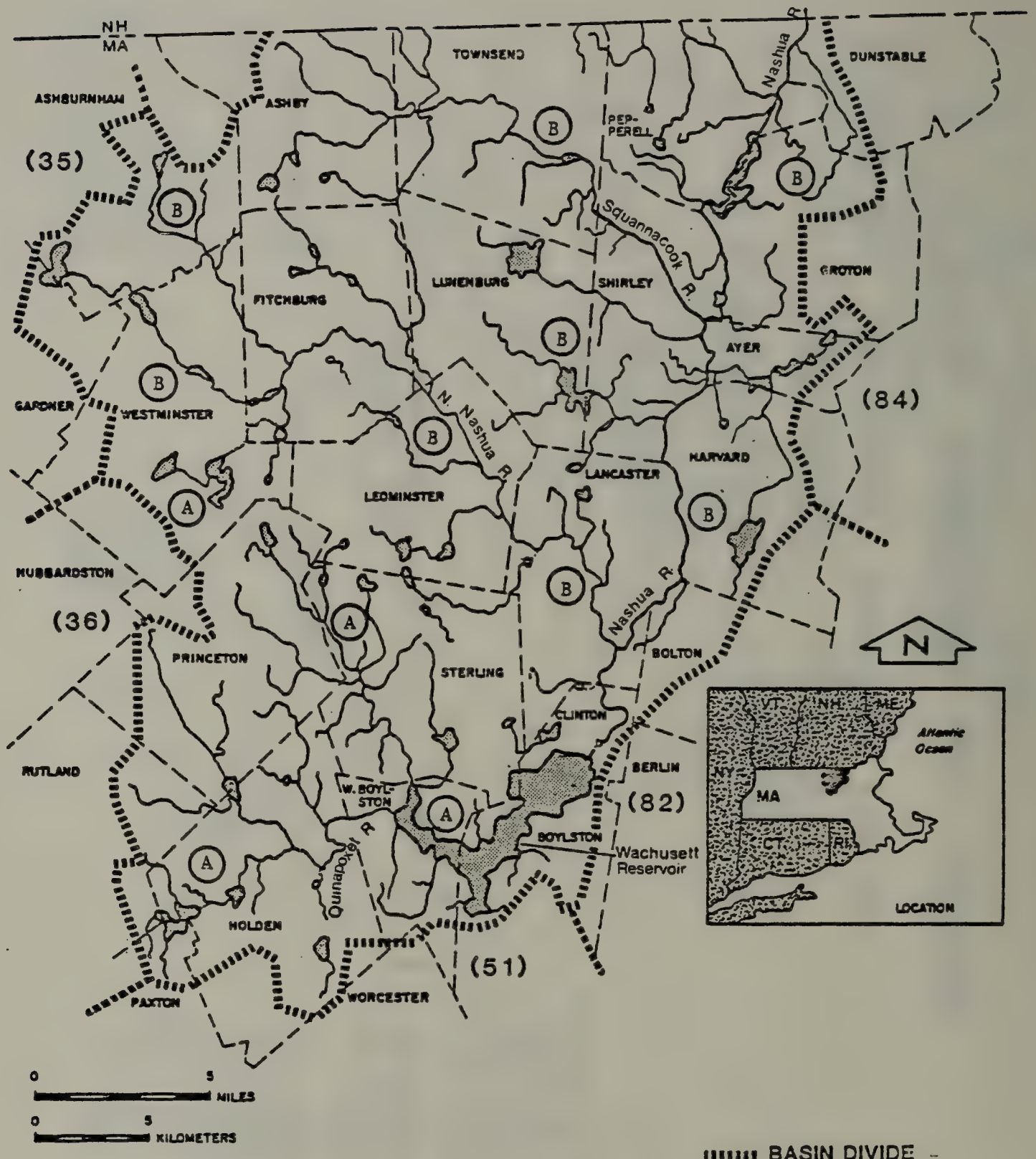


Figure 22 NASHUA RIVER BASIN (81)

TABLE 22

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
MERRIMACK	(8)	NASHUA	81

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Nashua River				
Source to Pepperell Dam	36.5 - 14.1	B	Warm Water Fishery Recreation (P&S)	
Pepperell Dam to New Hampshire State Line	14.1 - 10.5	B	Warm Water Fishery Recreation (P&S)	
North Nashua River				
Source to confluence with the Nashua River	54.0 - 36.5	B	Warm Water Fishery Recreation (P&S)	
South Nashua River				
Outlet Wachusett Reservoir to confluence with the North Nashua River	4.6 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Baker Brook, Monoosnoc Brook, Counterpane Brook, and Nonacoicus Brook	-	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(2)
Fall Brook and Still River	-	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(2)

TABLE 22 (CONTINUED)

Squannacook River				
Source to Hollingsworth & Vose	14.3 - 3.6	B	Cold Water Fishery Recreation (P&S)	314 CMR 4.04(3) MGL., Ch. 132A Sec. 13-18
Hollingsworth & Vose to confluence with Nashua River	3.6 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Wachusett Reservoir to its outlet in Clinton and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Upper Naukeag Lake in Ashburnham and tributaries thereto	-	A	Public Water Supply	
Scott Brook and Scott Reservoir in Fitchburg	-	A	Public Water Supply	
Fitchburg Reservoir in Ashby and tributaries thereto	-	A	Public Water Supply	
Lowell Reservoir on the Falulah Brook and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Meetinghouse Pond in Westminster and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Wachusett Lake in Westminster and Princeton and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Mare Meadow Reservoir and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Fall Brook Reservoir and Fall Brook in Leominster and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111

TABLE 22 (CONTINUED)

Notown Reservoir, Goodfellow and Surond Ponds on the Monoosnoc Brook in Leominster and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Haynes, Morse, and distributing Reservoirs on a branch of the Monoosnoc Brook, Leominster	-	A	Public Water Supply	MGL., Ch. 111
Fitch Pond in Sterling and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Heywood Reservoir in Sterling and the tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Upper and Lower Lynde Reservoirs on the Lynde Brook in Sterling	-	A	Public Water Supply	MGL., Ch. 111
Muchopauge Pond in Rutland and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Nissitissit Rivers in Ashbey, Groton, Pepperell, Shirley, Townsend and Lunenburg	-	B	Cold Water Fishery	Mass. General Laws Chapter 132A, Section 17
Other surface waters in the Nashua River Basin unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

Figure 23

CONCORD RIVER BASIN (82)

TABLE 23

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
MERRIMACK	(8)	CONCORD	82

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Sudbury River				
Source to outlet of Saxonville Pond	13.4 - 16.4	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)
Outlet Saxonville Pond to Wash Brook confluence	16.4 - 11.0	B	Aquatic Life Recreation (P&S)	314 CMR 4.04(3)
Wash Brook confluence to Assabet River confluence	11.0 - 0.0	B	Aquatic Life Recreation (P&S)	
Hop Brook				
Source to Sudbury River confluence	9.7 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Concord River				
Confluence of Assabet and Sudbury Rivers to Merrimack River	15.2 - 0.0	B	Warm Water Fishery Recreation (P&S)	
Assabet River				
Source to Westborough STP	31.8 - 30.4	B	Aquatic Life Recreation (P&S)	314 CMR 4.04(3)
Westborough STP to outlet to Boones Pond	30.4 - 12.4	B	Aquatic Life Recreation (P&S)	
Outlet of Boones Pond to confluence with Sudbury River	12.4 - 0.0	B	Warm Water Fishery Recreation (P&S)	

TABLE 23 (CONTINUED)

Assabet River				
White Pond to its outlet in Stow and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Gates Pond to the intake in Berlin and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Fesgate Brook from its source to Gates Pond, Berlin	-	A	Public Water Supply	MGL., Ch. 111
Milham Brook Reservoir to its outlet in Marlborough and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Lake Williams to its outlet in Marlborough and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Cold Harbor Brook Reservoir in Shrewsbury and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Sandra Pond to its outlet in Westborough and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Sudbury Reservoir in Westborough, Marlborough, Southborough, Framingham and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Nagog Pond to its outlet in Acton and tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters of the Sudbury, Assabet and Concord River Drainage Areas unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

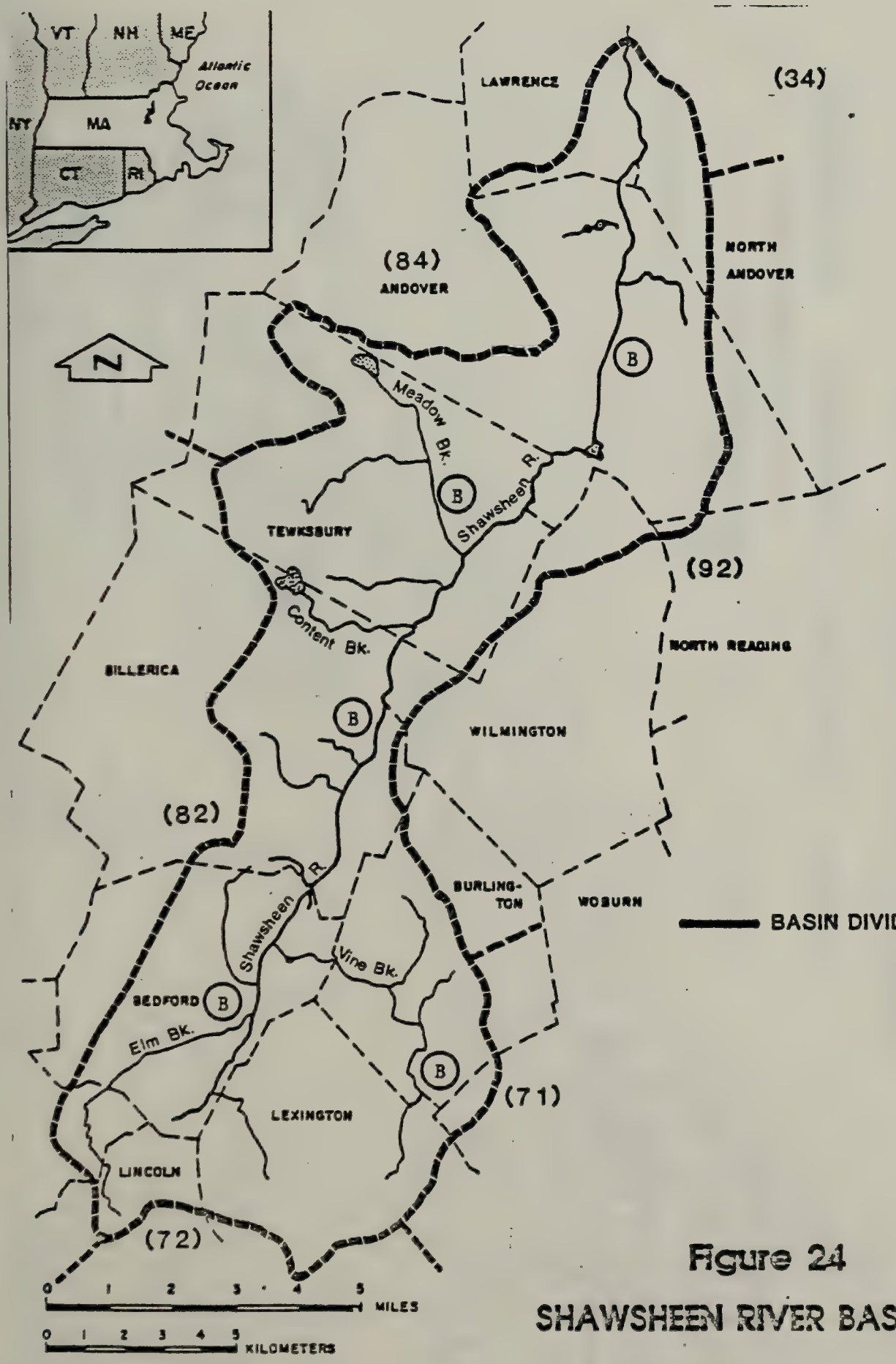


Figure 24

SHAWSHEEN RIVER BASIN (83)

TABLE 24

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
MERRIMACK	(8)	SHAWSHEEN	83

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Shawsheen River				
Source to confluence with the Merrimack River	25.0 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	
Other surface waters in the Shawsheen River Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

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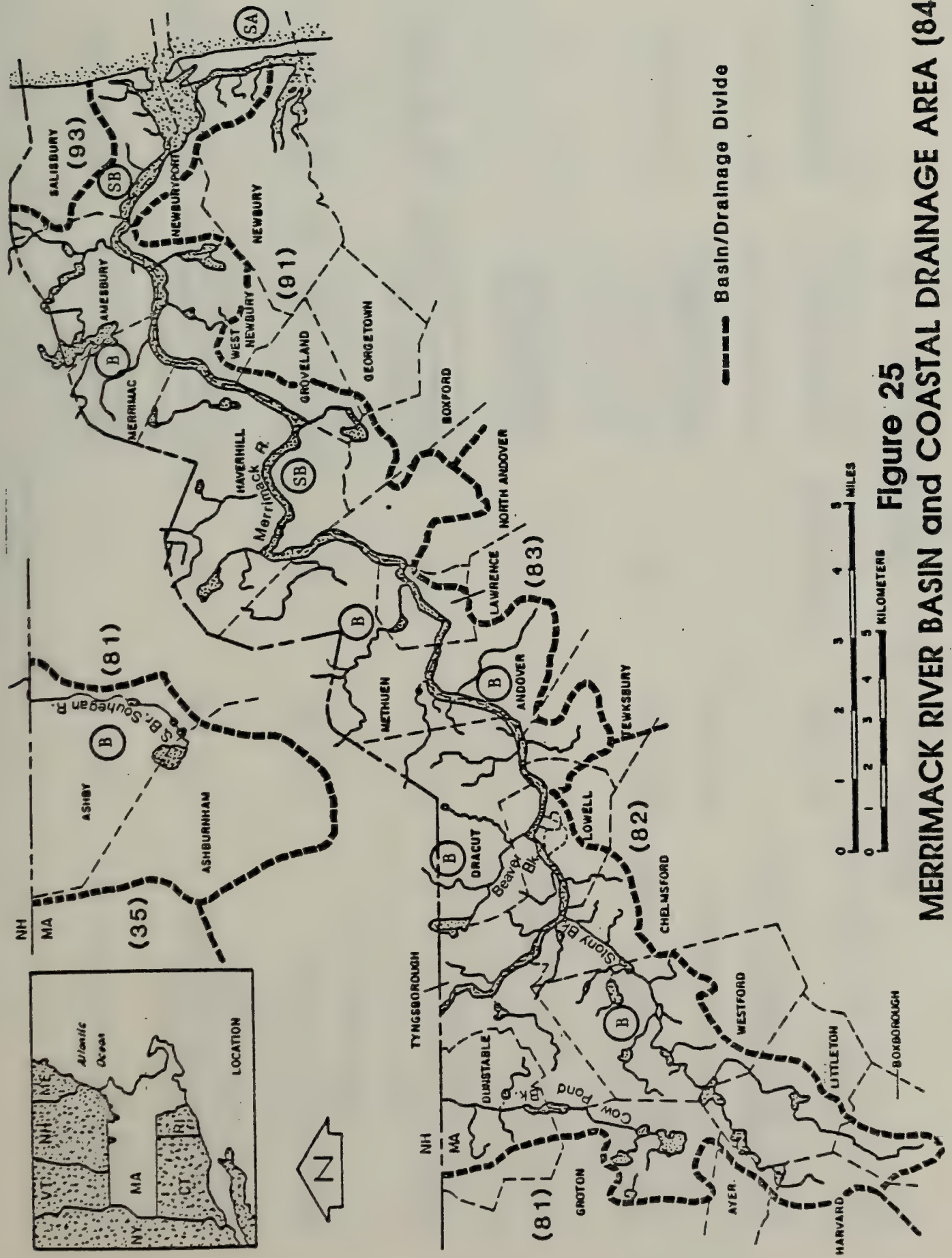

TABLE 25

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
MERRIMACK	(8)	MERRIMACK	84

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Merrimack River				
State Line to confluence with Creek Brook	49.8 - 21.9	B	Warm Water Fishery Recreation (P&S)	
Creek Brook confluence to Atlantic Ocean	21.9 - 0.0	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
The Basin in the Merrimack River Estuary, Newbury and Newburyport	-	SA	Marine Fishery Shellfishing (R) Recreation (P&S)	
Stony Brook				
Entire Length	10.3 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(2)
Beaver Brook				
State Line to confluence	4.2 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(2)
Spickett River				
State Line to Rte. 28 Bridge	6.4 - 2.8	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(2)

TABLE 25 (CONTINUED)

Rte. 28 Bridge to confluence with Merrimack River	2.8 - 0.0	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(2)
Little River				
State Line to confluence with Merrimack River	4.3 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(2)
Cobbler Brook				
Entire Length	3.7 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(2)
Powwow River				
Fresh water portion	6.4 - 1.3	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(2)
Tidal portion	1.3 - 0.0	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Plum Island River				
Entire Length	3.6 - 0.0	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(4)
Haggetts Pond to its outlet in Andover, those tributaries thereto and Fish Brook	-	A	Public Water Supply	MGL., Ch. 111
Lake Cochichewick to its outlet in North Andover and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111

TABLE 25 (CONTINUED)

Millvale Reservoir to its outlet in Haverhill and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Crystal Lake to its outlet in Haverhill and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Kenoza Lake to its outlet in Haverhill, and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Johnson's Pond to its outlet in Haverhill and those tributaries thereto	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the Merrimack River Drainage Area subject to the rise and fall of the tide unless otherwise denoted above	-	SB		314 CMR 4.04(2) MGL., Ch. 132A Sec. 13-18
Other surface waters in the Merrimack River Drainage Area unless otherwise denoted above	-	B		314 CMR 4.04(3)

4.05: continued

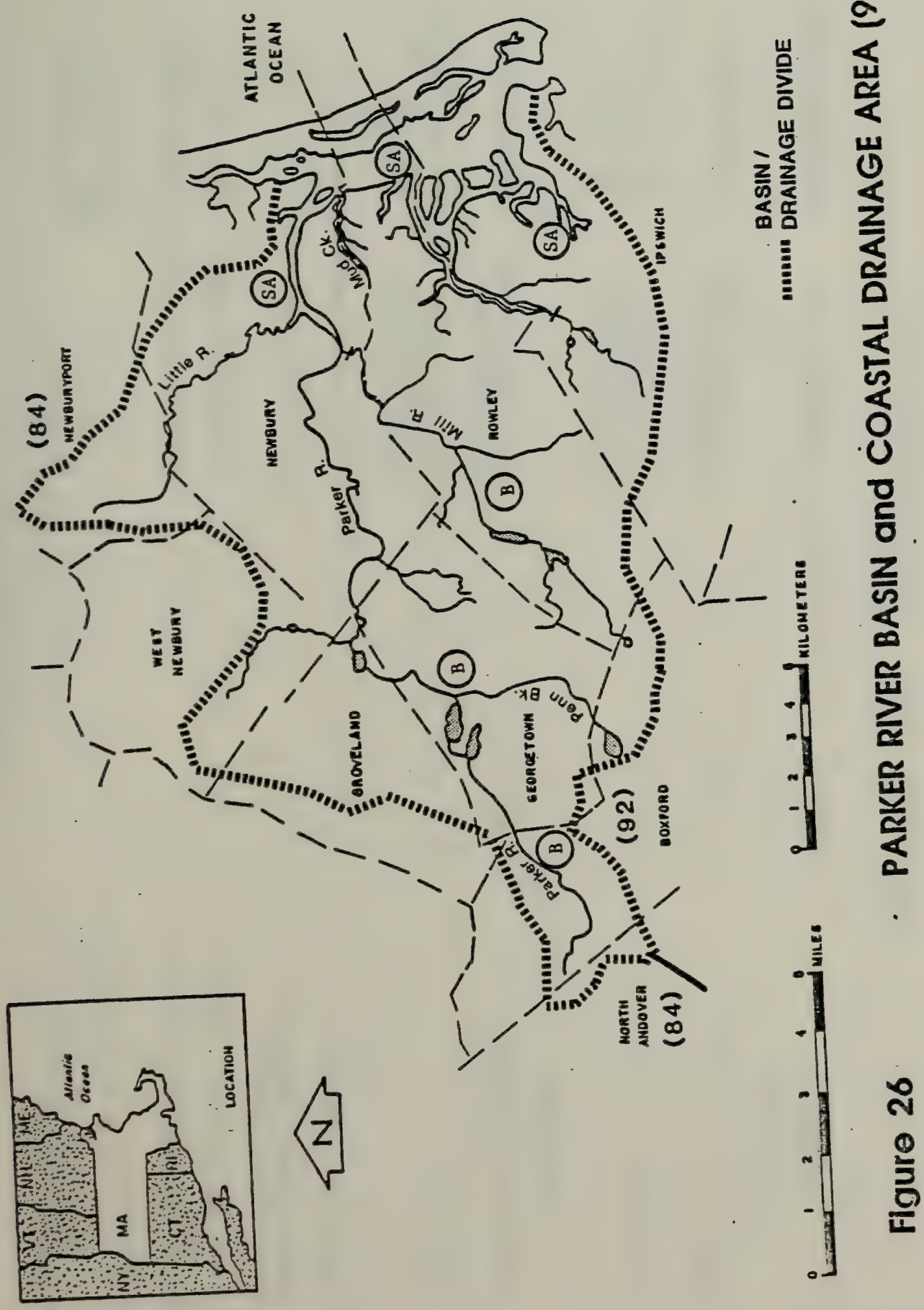

Figure 26 PARKER RIVER BASIN and COASTAL DRAINAGE AREA (91)

TABLE 26

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
COASTAL	(9)	PARKER	91

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Parker River				
Source to tidal portion	23.1 - 9.0	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Tidal portion	9.0 - 0.0	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(4) MGL., Ch. 132A Sec. 13-18
Mill River				
Source to tidal portion	9.6 - 2.3	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(2)
Tidal portion	2.3 - 0.0	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(3) MGL., Ch. 132A Sec. 13-18
Santang Lake, Lynnfield	-	A	Public Water Supply	MGL., Ch. 111
Middleton Pond, Swan Pond, Emerson Brook, Danvers	-	A	Public Water Supply	MGL., Ch. 111
Hull Brook Reservoir, Ipswich	-	A	Public Water Supply	MGL., Ch. 111
Dow's Brook Reservoir	-	A	Public Water Supply	MGL., Ch. 111

TABLE 26 (CONTINUED)

Other surface waters subject to the rise and fall of the tide in the Parker River Basin unless otherwise denoted above	-	SA	-	314 CMR 4.04(2) MGL., Ch. 132A Sec. 13-16
Other surface waters in the Parker River Basin	-	B	-	314 CMR 4.04(3)

4.05: continued

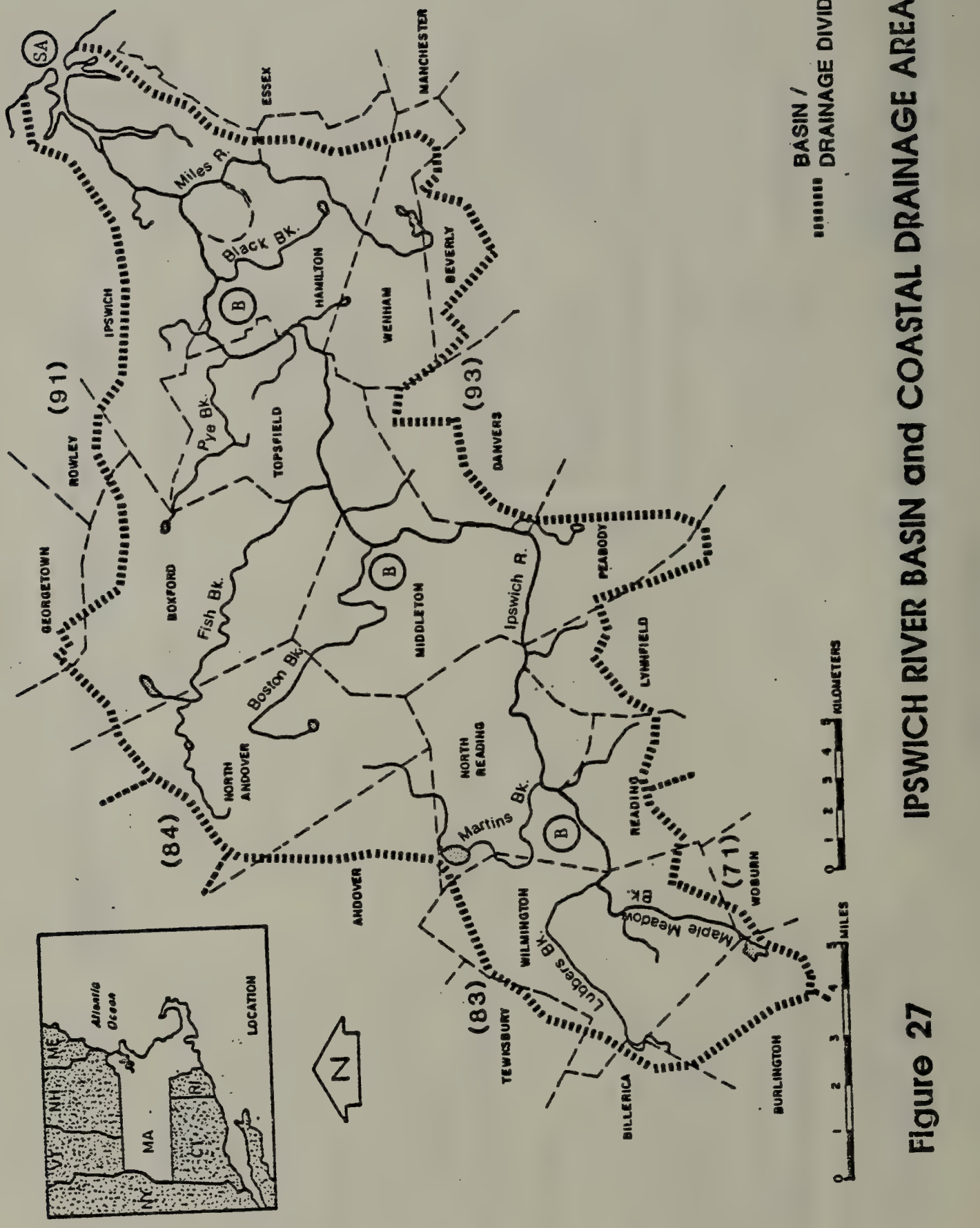

Figure 27

TABLE 27

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
COASTAL	(9)	IPSWICH	92

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Ipswich River				
Source to tidal portion	41.1 - 4.5	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)
Tidal portion	4.5 - 0.0	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Other surface waters subject to the rise and fall of the tide in the Ipswich River Basin and coastal drainage area unless otherwise denoted above	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(2) MGL., Ch. 132A Sec. 13-16
Other surface waters in the Ipswich River Basin and coastal drainage area	-	B	-	314 CMR 4.04(3)

4.05: continued

TABLE 28

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
COASTAL	(9)	NORTH SHORE	93

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
The Essex River and its tributaries in Essex	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Essex Bay	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(2) MGL., Ch. 132A Sec. 13-18
Annisquam River	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Rockport Harbor	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Gloucester Harbor	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Manchester Harbor	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Beverly Harbor	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18

TABLE 28 (CONTINUED)

Salem Harbor	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Winthrop	-	SA	Marine Fishery Shellfishing (R) Recreation (P&S)	
Salem-Beverly Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Marblehead Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Massachusetts Bay (Marblehead)	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Nahant Bay	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Saugus River	-	SB	Marine Fishery Shellfishing (O) Recreation (P&S)	
Pines River	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	314 CMR 4.04(2)
Lynn Harbor	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	

TABLE 28 (CONTINUED)

Babson Reservoir, Dikes Water Supply, Brook Reservoir, Haskell Reservoir, Fernwood Lake, Wallace Reservoir, Klindike Quarry, Goose Cove Reservoir	-	A	Public Water Supply	MGL., Ch. 111
Spring Pond, Peabody, Salem, and Lynn	-	A	Public Water Supply	MGL., Ch. 111
Cape Pond and tributaries thereto in Rockport	-	A	Public Water Supply	
Upper Carlsons Quarry in Rockport	-	A	Public Water Supply	MGL., Ch. 111
Breen Pond and tributaries thereto, Lynn	-	A	Public Water Supply	MGL., Ch. 111
Walden Pond and tributaries thereto, Lynn	-	A	Public Water Supply	MGL., Ch. 111
Birch Pond and tributaries thereto, Lynn and Saugus	-	A	Public Water Supply	MGL., Ch. 111
Hawkes Pond and tributaries thereto, Saugus	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the North Coastal Drainage Area subject to the rise and fall of the tide unless otherwise denoted above	-	SB	-	314 CMR 4.04(2) MGL., Ch. 132A Sec. 13-18
Other surface waters in the North Coastal Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

TABLE 28 (CONTINUED)

Salem Harbor	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Winthrop	-	SA	Marine Fishery Shellfishing (R) Recreation (P&S)	
Salem-Beverly Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Marblehead Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Massachusetts Bay (Marblehead)	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	MGL., Ch. 132A Sec. 13-18
Nahant Bay	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Saugus River	-	SB	Marine Fishery Shellfishing (O) Recreation (P&S)	
Pines River	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	314 CMR 4.04(2)
Lynn Harbor	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	

TABLE 28 (CONTINUED)

Babson Reservoir, Dikes Water Supply, Brook Reservoir, Haskell Reservoir, Fernwood Lake, Wallace Reservoir, Klindike Quarry, Goose Cove Reservoir	-	A	Public Water Supply	MGL., CH. 111
Spring Pond, Peabody, Salem, and Lynr	-	A	Public Water Supply	MGL., Ch. 111
Cape Pond and tributaries thereto in Rockport	-	A	Public Water Supply	
Upper Carlsons Quarry in Rockport	-	A	Public Water Supply	MGL., Ch. 111
Breen Pond and tributaries thereto, Lynn	-	A	Public Water Supply	MGL., Ch. 111
Walden Pond and tributaries thereto, Lynn	-	A	Public Water Supply	MGL., Ch. 111
Birch Pond and tributaries thereto, Lynn and Saugus	-	A	Public Water Supply	MGL., Ch. 111
Hawkes Pond and tributaries thereto, Saugus	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the North Coastal Drainage Area subject to the rise and fall of the tide unless otherwise denoted above	-	SB	-	314 CMR 4.04(2) MGL., Ch. 132A Sec. 13-18
Other surface waters in the North Coastal Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

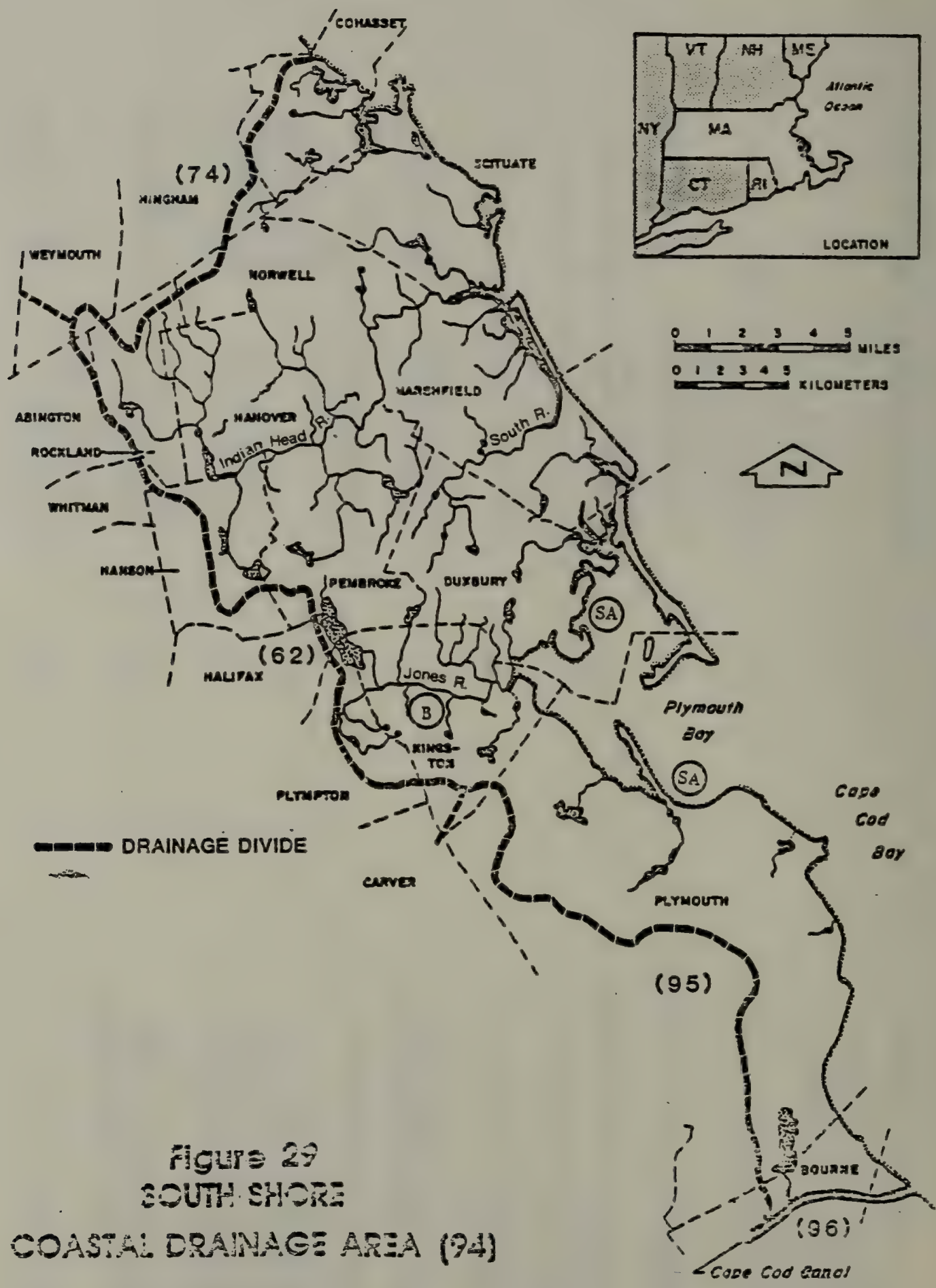

Figure 29
SOUTH SHORE
COASTAL DRAINAGE AREA (94)

TABLE 29

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
COASTAL	(9)	SOUTH SHORE	94

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Cohasset Harbor	-	SA	Marine Fishery Shellfishing (R) Recreation (P&S)	
The Gulf	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Scituate Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
French Stream				
Entire Length	20.6 - 15.7	B	Warm Water Fishery Recreation (P&S)	
Drinkwater River				
Entire Length	15.7 - 13.9	B	Warm Water Fishery Recreation (P&S)	
Indian Head River				
Source to Curtis Crossing Dam	13.9 - 12.7	B	Cold Water Fishery (Sn) Recreation (P&S)	

TABLE 29 (CONTINUED)

North River				
Curtis Crossing Dam to Third Herring Brook	12.7 - 10.7	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	314 CMR 4.04(4)
Third Herring Brook to Main St., Marshfield	10.7 - 2.0	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(4)
Main Street to Massachusetts Bay	2.0 - 0.0	SA	Marine Fishery Recreation (P&S)	
Brant Rock to a point 1000 feet North	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
South River				
Entire Length	10.6 - 0.0	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(3)
Green Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(3)
Jones River				
Source to Wapping Pond	7.0 - 3.4	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)
Wapping Road to Elm Street	3.4 - 2.5	B	Cold Water Fishery (Sn) Recreation (P&S)	

TABLE 29 (CONTINUED)

Jones River Estuary	2.5 - 0.0	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Dusbury and Kingston Bays	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	MGL., CH. 132A Sec. 13-18
Plymouth Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	MGL., CH. 132A Sec. 13-18
Plymouth Bay	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	MGL., Ch. 132A
Old Oaken Bucket Pond	-	A	Public Water Supply	MGL., Ch. 111
First Herring Brook Reservoir	-	A	Public Water Supply	MGL., Ch. 111
Great Sandy Bottom Pond	-	A	Public Water Supply	MGL., Ch. 111
Plymouth Great South Pond	-	A	Public Water Supply	MGL., Ch. 111
Plymouth Little South Pond	-	A	Public Water Supply	MGL., Ch. 111
Other surface waters in the South Coastal Drainage Area subject to the rise and fall of the tide	-	SA	-	314 CMR 4.04(2) MGL., CH. 132A Sec. 13-18
Other surface waters in the South Coastal Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

Figure 30

BUZZARDS BAY COASTAL DRAINAGE AREA (95)

TABLE 30

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
COASTAL	(9)	BUZZARDS BAY	95

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Buttermilk Bay	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Onset Bay	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Agawam River				
Source to Wareham STP	above 2.2	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)
Wareham STP to confluence	2.2 - 0.0	B	Cold Water Fishery (Sn) Recreation (P&S)	
Wareham River				
Entire Length	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	341 CMR 4.04(3)
Wewantic River				
Source to outlet of Horseshoe Pond	above 4.4	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Horseshoe Pond to confluence	4.4 - 0.0	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(3)

TABLE 30 (CONTINUED)

Sippican River				
Source to Country Road, Marion, Wareham	above 2.1	B	Warm Water Fishery Recreation (P&S)	341 CMR 4.04(3)
Country Road to confluence	2.1 - 0.0	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(3)
Sippican Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Aucoot Cove	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Mattapoisett Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Nasketucket Bay	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
New Bedford Reservoir				
Source to outlet	above 8.2	B	Warm Water Fishery Recreation (P&S)	314 CMR 4.04(3)
Acushnet River				
Outlet of New Bedford Reservoir to Main Street	8.2 - 4.5	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)

TABLE 30 (CONTINUED)

Main Street to Rt. 6	4.5 - 1.2	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	314 CMR 4.04(3)
Inner New Bedford Harbor	1.2 - 0.0	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Outer New Bedford Harbor	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Clark Cove, New Bedford - Dartmouth	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Apponagansett Bay, Dartmouth	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	
Slocums River	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(3)
<u>Westport River, East Branch</u>				
Outlet Noquochoke Lake to Old Colony Road, Westport	12.0 - 10.0	B	Cold Water Fishery (Sn) Recreation (P&S)	314 CMR 4.04(3)
Old Colony Road to confluence	10.0 - 0.0	SB	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(3)

TABLE 30 (CONTINUED)

Westport River, West Branch				
Entire Length	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(3)
Other surface waters in the Buzzards Bay Drainage Area subject to the rise and fall of the tide	-	SA	-	314 CMR 4.04(2) MGL., Ch. 132A Sec. 13-18
Other surface waters of the Buzzards Bay Drainage Area unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

4.05: continued

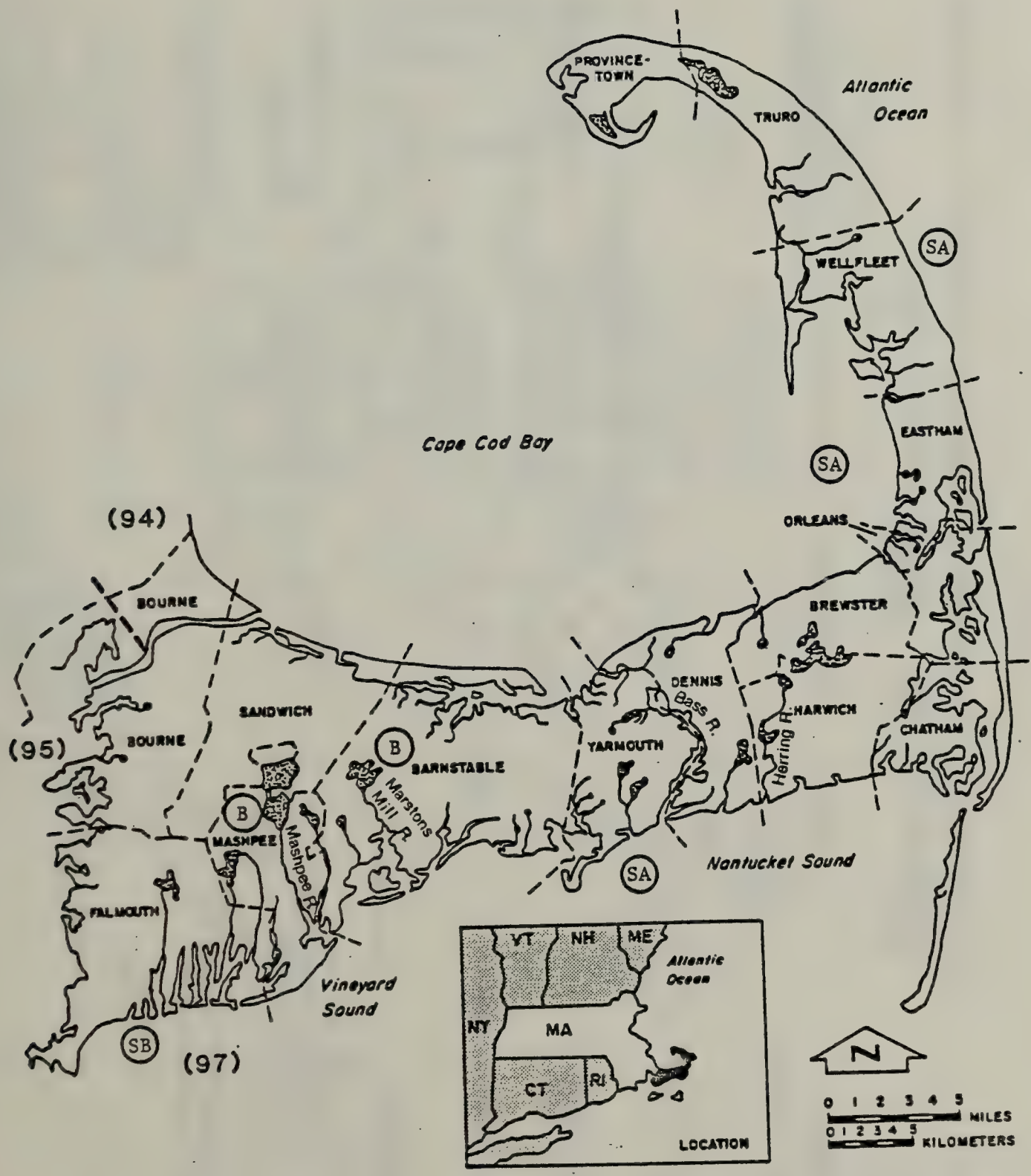

Figure 31

CAPE COD
COASTAL DRAINAGE AREA (96)

TABLE 31

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
COASTAL	(9)	CAPE COD	96

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
Cape Cod Canal, Sandwich	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Cape Cod Canal, Bourne	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Waters in and adjacent to the Cape Cod National Seashore	-	SA *	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(4)
Falmouth Inner Harbor, Falmouth	-	SB	Marine Fishery Shellfishing (R) Recreation (P&S)	
Long Pond (Falmouth)	-	A	Public Water Supply	MGL., CH. 111
Other surface waters of the Cape Cod Drainage Area subject to the rise and fall of the tide, unless otherwise denoted above	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(2) MGL., 132A Sec. 13-18
Other surface waters of Cape Cod unless otherwise denoted above	-	B	-	314 CMR 4.04(3)

* Marine waters class SA, fresh waters class B

4.05: continued

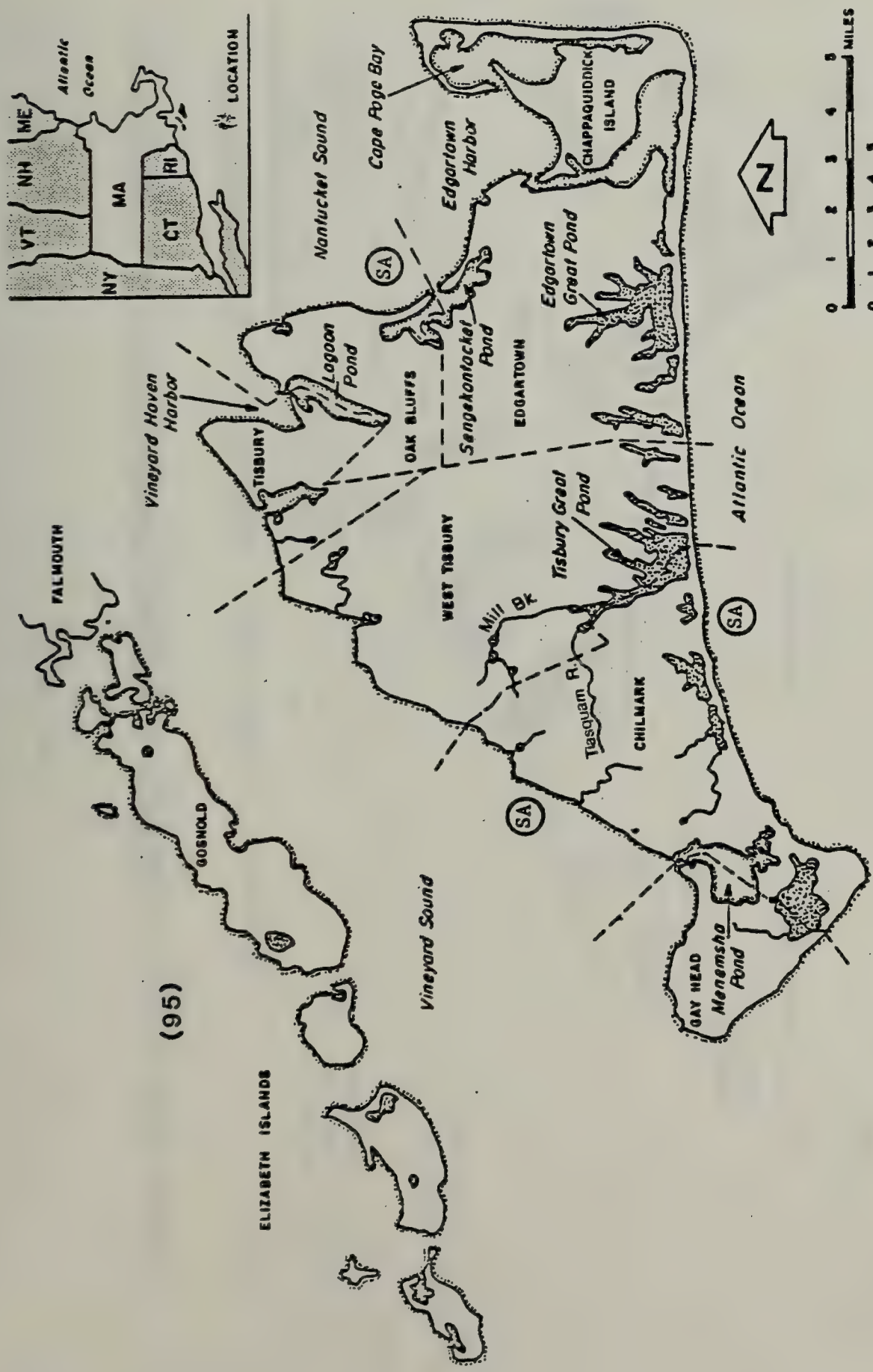

Figure 32 ISLANDS COASTAL DRAINAGE AREA (97) MARTHA'S VINEYARD

4.05: continued

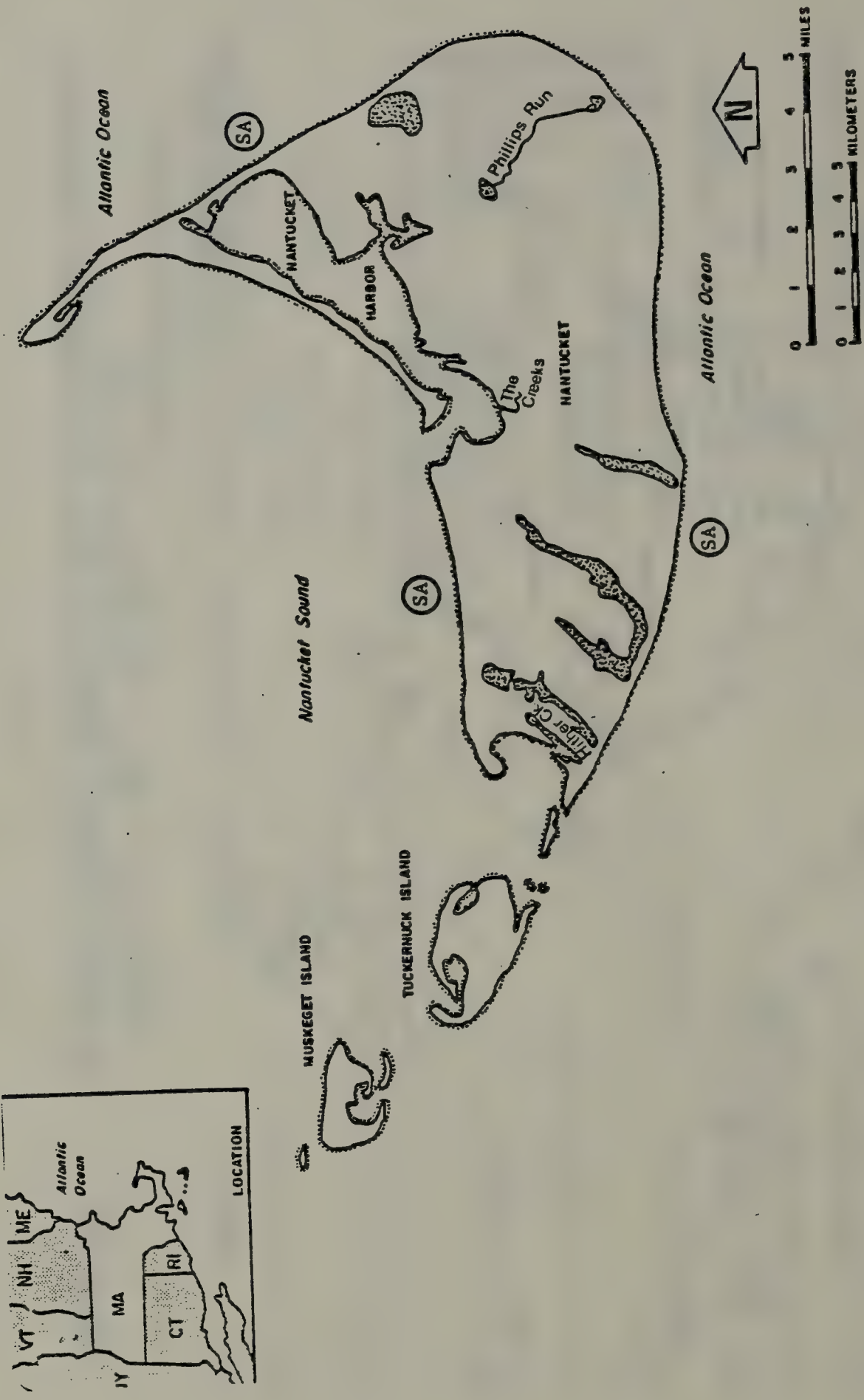

Figure 32 A ISLANDS COASTAL DRAINAGE AREA (97) NANTUCKET

TABLE 32

DRAINAGE SYSTEM	(CODE)	RIVER BASIN/DRAINAGE	CODE
COASTAL	(9)	ISLANDS	97

BOUNDARY	MILE POINT	CLASSIFICATION	DESIGNATED USES	OTHER RESTRICTIONS
All surface waters subject to the rise and fall of the tide of Dukes County and Nantucket Drainage Areas	-	SA	Marine Fishery Shellfishing (O) Recreation (P&S)	314 CMR 4.04(2) MGL., Ch. 132A Sec. 13-18
Other surface waters of the Dukes County and Nantucket Drainage Areas	-	B	-	314 CMR 4.04(3)

4.05: continued

REGULATORY AUTHORITY

314 CMR 4.00: M.G.L. c. 21, ss. 27(5) and 27(12).